

[illegible]

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LL          IIIIII          SSSSSSSS
LL          IIIIII          SSSSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SSSSSS
LL          II             SSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LLLLLLLLLLLL IIIIII          SSSSSSSS
LLLLLLLLLLLL IIIIII          SSSSSSSS

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(1)	359	SFCLN11
(1)	382	SFCLN12
(1)	405	SFCLN13
(1)	428	SFCLN20
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(1)	474	SFCLN22
(1)	498	SFCLN23
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(1)	544	SFCLN30
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(2)	1129	SFTLN10
(2)	1152	SFTLN11
(2)	1175	SFTLN12
(2)	1199	SFTLN13
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(3)	1407	SFTLN34
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(3)

1871

SUBROUTINES

L 5

SA
VO


```
0000 1 .TITLE SATSSF03 - SATS SYSTEM SERVICE TESTS (FAILING S.C.)
0000 2 .IDENT 'V04-000'
0000 3
0000 4
0000 5 *****
0000 6 *
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0000 24 *
0000 25 *
0000 26 *****
0000 27
0000 28
0000 29 ++
0000 30 FACILITY: SATS SYSTEM SERVICE TESTS
0000 31
0000 32 ABSTRACT: THE SATSSF03 MODULE TESTS THE EXECUTION OF CERTAIN
0000 33 VMS SYSTEM SERVICES, INVOKED IN SUCH A WAY AS TO EXPECT FAILING
0000 34 STATUS CODES. THE SYSTEM SERVICES TESTED AND THE STATUS CODES
0000 35 EXPECTED ARE SUMMARIZED AS ARGUMENTS TO THE TESTSERV MACROS
0000 36 WHICH APPEAR NEAR THE END OF THIS LISTING. SUCCESSFUL STATUS
0000 37 CODES ARE TESTED IN OTHER MODULES.
0000 38
0000 39
0000 40 ENVIRONMENT: USER MODE IMAGE; NEEDS CMKRNL PRIVILEGE,
0000 41 DYNAMICALLY ACQUIRES OTHER PRIVILEGES, AS NEEDED.
0000 42
0000 43 AUTHOR: THOMAS L. CAFARELLA, CREATION DATE: MMM, 1978
0000 44 PAUL D. FAY (DISPSERV & TESTSERV MACROS)
0000 45
0000 46 MODIFIED BY:
0000 47
0000 48 V03-001 LDJ0001 Larry D. Jones, 02-Sep-1983
0000 49 Fixed test to conform with new logical name characteristics.
0000 50 --
```

```
0000 52 .SBTTL DECLARATIONS
0000 53 :
0000 54 : INCLUDE FILES:
0000 55 :
0000 56 $PRVDEF ; SYMBOL DEFS FOR PRIVILEGES
0000 57 $UETPDEF ; UETP MSG CODE DEFINITIONS
0000 58 $SHR_MESSAGES UETP,116,<<TEXT,INFO>>
0000 59 ; DEFINE UETP$ TEXT
0000 60 ; GET RID OF MACRO DEFINITIONS
0000 61 :
0000 62 : MACROS:
0000 63 :
0000 64 :
0000 65 : EQUATED SYMBOLS:
0000 66 :
00000000 0000 67 WARNING = 0 ; WARNING SEVERITY VALUE FOR MSGS
00000001 0000 68 SUCCESS = 1 ; SUCCESS SEVERITY VALUE FOR MSGS
00000002 0000 69 ERROR = 2 ; ERROR SEVERITY VALUE FOR MSGS
00000003 0000 70 INFO = 3 ; INFORMATIONAL SEV VALUE FOR MSGS
00000004 0000 71 SEVERE = 4 ; SEVERE (FATAL) SEV VALUE FOR MSGS
00000000 0000 72 TCG_NO = 0 ; INITIALIZE TEST CASE GROUP NUMBER
00000000 0000 73 GRP_TOTAL = 0 ; INITIALIZE TEST CASE GROUP TOTAL
00007FFF 0000 74 R0_THRU_SP = ^M<R0,R1,R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,AP,FP,SP>
00000001 0000 75 RSLEN_TLN20 = 1 ; RSLEN ARG FOR TRNLOG (LOCATION 1)
00000001 0000 76 TABLE_TLN40 = 1 ; TABLE ARG FOR TRNLOG (LOCATION 1)
00000001 0000 77 ACMODE_TLN50 = 1 ; ACMODE ARG FOR TRNLOG (LOCATION 1)
0000 78 :
0000 79 : ***** THE FOLLOWING ASSIGNMENTS (IN PHD, PCB, STS) ARE BEING MADE
0000 80 : ***** WITHOUT REFERENCE TO $PHDDEF, $PCBDEF, $STSDEF BECAUSE OF
0000 81 : ***** SYMBOL TABLE OVERFLOW. FIX THIS WHEN MORE TABLE SPACE AVAILABLE.
0000 82 :
00000000 0000 83 PHD$Q_PRIVMSK = 0 ; PRIV MASK OFFSET INTO PHD
00000020 0000 84 PCB$L_UIC = ^X20 ; UIC OFFSET INTO PCB
0000001C 0000 85 STS$V_INHIB_MSG = ^X1C ; INHIBIT_MSG BIT NUMBER IN MSG CODE
0000 86 :
0000 87 : OWN STORAGE:
0000 88 :
```



```

00000000 90 .PSECT RODATA, RD, NOWRT, NOEXE, LONG
BFFC 0000 91 REG_COMP_MASK: .WORD ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,AP,FP> ! ^X8000 -
0002 92 ; REG COMPARE MASK (HIGH-ORDER ...
0002 93 ; ... BIT MUST BE ON
0002 94 ERR_MSG_FAOCTL: STRING I,<!!AC!1ZB!1ZB: REGISTER !2UW CONTENTS ALTERED>, -
0002 95 <; BEFORE SERVICE CALL: !8XL AFTER SERVICE CALL: !8XL>
006E 96 TEST_MOD_NAME: STRING C,<SATSSF03> ; TEST MODULE NAME
0077 97 TEST_MOD_BEG: STRING C,<begun> ; DISPOSITION FIELD OF TEST MOD MSG
007D 98 TEST_MOD_SUCC: STRING C,<successful> ; DISPOSITION FIELD OF TEST MOD MSG
0088 99 TEST_MOD_FAIL: STRING C,<failed> ; DISPOSITION FIELD OF TEST MOD MSG
008F 100 TEST_MOD_NAME_D: STRING I,<SATSSF03> ; TEST MODULE NAME DESCRIPTOR
009F 101 TTNAME: STRING I,<TT> ; TERMINAL LOGICAL NAME
00000' 00A9 102 INADR: .LONG NOACCESS,NOACCESS ; PAGE ADDRESS OF NOACCESS PSECT
00000' 00B1 103 PROT: .LONG PRTSC_NA ; PROTECTION CODE FOR NOACCESS PSECT
FFFFF 00B5 104 ONES: .LONG -1,-1 ; A QUADWORD OF 1-BITS
00BD 105 ; TBLFLG_CLN: .LONG LOGSC_PROCESS ; TBLFLG ARGUMENT FOR CRELOG
00BD 106 ; ***** TEMPORARILY USE CONSTANT 2 FOR LOGSC PROCESS *****
00002 00BD 107 TBLFLG_CLN: .LONG 2 ; TBLFLG ARGUMENT FOR CRELOG
00C1 108 LOGNAM_CLN: STRING I,<LOGNAM_CLN> ; LOGNAM ARGUMENT FOR CRELOG
00001 00D3 109 LOGNAM_CLN24: .LONG 1 ; LOGNAM ARGUMENT FOR CRELOG
00000' 00D7 110 .ADDRESS NOACCESS ; .....
00DB 111 LOGNAM_CLN26:
00100 00DB 112 .LONG 256
000E3' 00DF 113 .ADDRESS .+4
41'41' 00E3 114 .BYTE ^A/A/ [256] ; Illegally large logical name
41'41' 00EF
41'41' 00FB
41'41' 0107
41'41' 0113
41'41' 011F
41'41' 012B
41'41' 0137
41'41' 0143
41'41' 014F
41'41' 015B
41'41' 0167
41'41' 0173
41'41' 017F
41'41' 018B
41'41' 0197
41'41' 01A3
41'41' 01AF
41'41' 01BB
41'41' 01C7
41'41' 01D3
41'41' 01DF
00000 01E3 115 LOGNAM_CLN27: .LONG 0 ; LOGNAM ARGUMENT FOR CRELOG
001E7' 01E7 116 .ADDRESS . ; .....
01EB 117 EQLNAM_CLN: STRING I,<EQLNAM_CLN> ; EQLNAM ARGUMENT FOR CRELOG
00001 01FD 118 EQLNAM_CLN34: .LONG 1 ; EQLNAM ARGUMENT FOR CRELOG
00000' 0201 119 .ADDRESS NOACCESS ; .....
0205 120 EQLNAM_CLN36:
00100 0205 121 .LONG 256
0020D' 0209 122 .ADDRESS .+4
41'41' 020D 123 .BYTE ^A/A/ [256] ; Illegally large logical name
41'41' 0219
41'41' 0225

```


00000000	043F
00000443	0443
	0447
	0456
	0465
00000001	0477

```

124 EQLNAM_CLN37:      .LONG      0                      ; EQLNAM ARGUMENT FOR CRELOG
125                  .ADDRESS      .                      ; .....
126 ACMODE_CLN:        .LONG      0                      ; ACMODE ARGUMENT FOR CRELOG
127 TBLFLG_DLN:        .LONG      2                      ; TBLFLG ARGUMENT FOR DELLOG
128 LOGNAM_DLN:        STRING      1,<LOGNAM_DLN>          ; LOGNAM ARGUMENT FOR DELLOG
129 LOGNAM_DLN24:       .LONG      1                      ; LOGNAM ARGUMENT FOR DELLOG
130                  .ADDRESS      NOACCESS               ; .....
131 LOGNAM_DLN26:       .LONG      256
132                  .ADDRESS      .+4
133                  .BYTE      ^A/A/ [256]              ; Illegally large logical name
134

```

```

135 LOGNAM_DLN27:      .LONG      0      ; LOGNAM ARGUMENT FOR DELLOG
136                  .ADDRESS      .      ;
137 LOGNAM_DLN28:      STRING      1,<SFDLN28> ; LOGNAM ARGUMENT FOR DELLOG
138 LOGNAM_DLN29:      STRING      1,<SFDLN29> ; LOGNAM ARGUMENT FOR DELLOG
139 LOGNAM_TLN:        STRING      1,<LOGNAM_TLN> ; LOGNAM ARGUMENT FOR TRNLOG
140 LOGNAM_TLN14:      .LONG      1      ; LOGNAM ARGUMENT FOR TRNLOG

```


00000000'	047B	141	.ADDRESS	NOACCESS	:	::LOGNAM ARGUMENT FOR TRNLOG
	047F	142 LOGNAM_TLN16:	STRING	1,<_LOGNAM_TLN16>	:	RSLEN ARGUMENT FOR TRNLOG
00000496	0494	143 RSLEN_TLN21:	.BLKW	1	:	RSLEN ARGUMENT FOR TRNLOG
00000200	0496	144 RSLBUF_TLN34:	.LONG	512	:	RSLBUF ARGUMENT FOR TRNLOG
00000000'	049A	145	.ADDRESS	NOACCESS	:	TABLE ARGUMENT FOR TRNLOG
0000049F	049E	146 TABLE_TLN41:	.BLKB	1	:	ACMODE ARGUMENT FOR TRNLOG
000004A0	049F	147 ACMODE_TLN51:	.BLKB	1	:	

```
00000000 149 .PSECT RWDATA, RD, WRT, NOEXE
00000004 0000 150 TPID: .BLKL 1 : PROCESS ID FOR THIS PROCESS
00000008 0004 151 CURRENT TC: .BLKL 1 : PTR TO CURRENT TEST CASE
00000044 0008 152 REG_SAVE AREA: .BLKL 15 : SAVE AREA FOR ALL REGS (SANS PC)
007480D9 0044 153 MOD_MSG CODE: .LONG UETPS_SATSMS : TEST MODULE MSG CODE FOR PUTMSG
0000004C 0048 154 CLOB_REG NO: .BLKL 1 : CLOBBED REG NO (FOR FAO ERR MSG)
00000050 004C 155 REG_BEFORE_SS: .BLKL 1 : REG CONTENTS BEFORE S.S.
00000054 0050 156 : ... (FOR FAO ERROR MSG)
00000054 0050 157 REG_AFTER_SS: .BLKL 1 : REG CONTENTS AFTER S.S.
00000054 0054 158 : ... (FOR FAO ERROR MSG)
0000006E 005C 159 $$STN$$: STRING C, < SF > : ASCII PORTION OF TEST CASE NAME
00000077 0060 160 TMN_ADDR: .ADDRESS TEST_MOD_NAME : ADDR OF TEST MOD NAME FOR FAO
00000068 0064 161 TMD_ADDR: .ADDRESS TEST_MOD_BEG : ADDR OF T.M. DISP FIELD FOR FAO
00000070 0068 162 TS_EP: .BLKL 1 : ENTRY PNT FOR CURR TESTSERV MACRO
00000071 0070 163 RETADR: .BLKL 2 : RETURN LONGWORDS FOR SETPRT
00000079 0071 164 PRVPRT: .BLKB 1 : PROT RETURN BYTE FOR SETPRT
00000079 0071 165 PRIVMASK: .BLKQ 1 : ADDR OF PRIVILEGE MASK (IN PHD)
0000007D 0079 166 CHM_CONT: .BLKL 1 : CHANGE MODE CONTINUE ADDRESS
00000091 007D 167 REGS: .BLKL 5 : AREA FOR COND INDEX REGS (R2-R6)
00000095 0091 168 TBLFLG_CLN10: .BLKL 1 : TBLFLG ARGUMENT FOR CRELOG
00000099 0095 169 TBLFLG_CLN11: .BLKL 1 : TBLFLG ARGUMENT FOR CRELOG
0000009D 0099 170 TBLFLG_CLN12: .BLKL 1 : TBLFLG ARGUMENT FOR CRELOG
000000A1 009D 171 TBLFLG_CLN13: .BLKL 1 : TBLFLG ARGUMENT FOR CRELOG
000000A5 00A1 172 TBLFLG_DLN10: .BLKL 1 : TBLFLG ARGUMENT FOR DELLOG
000000A9 00A5 173 TBLFLG_DLN11: .BLKL 1 : TBLFLG ARGUMENT FOR DELLOG
000000AD 00A9 174 TBLFLG_DLN12: .BLKL 1 : TBLFLG ARGUMENT FOR DELLOG
000000B1 00AD 175 TBLFLG_DLN13: .BLKL 1 : TBLFLG ARGUMENT FOR DELLOG
000000B3 00B1 176 RSLLEN_TLN: .BLKW 1 : RSLLEN ARGUMENT FOR TRNLOG
000000B3 00B3 177 RSLBUF_TLN: STRING 0,11 : RSLBUF ARGUMENT FOR TRNLOG
00000000 00C6 178 RSLBUF_TLN36: .LONG 0 : RSLBUF ARGUMENT FOR TRNLOG
00000000 00CA 179 RSLBUF_TLN37: STRING 0,9 : RSLBUF ARGUMENT FOR TRNLOG
000000DC 00DB 180 TABLE_TLN: .BLKB 1 : TABLE ARGUMENT FOR TRNLOG
000000DD 00DC 181 ACMODE_TLN: .BLKB 1 : ACMODE ARGUMENT FOR TRNLOG
```



```
00000000 183 .PSECT SATS ACCVIO_1,RD,WRT,NOEXE,PAGE
00000200 0000 184 EMPTY: .BLKB 512 ; RESERVE A PAGE OF SPACE
          0200 185 :
          0200 186 : +
          0200 187 : *****
          0200 188 : *
          0200 189 : * THE ORDER OF STATEMENTS IN THIS PSECT IS CRITICAL. *
          0200 190 : * DO NOT RE-ARRANGE THE VARIABLES. CONSULT SATS *
          0200 191 : * FUNCTIONAL SPECIFICATION FOR A DESCRIPTION OF THE USE *
          0200 192 : * OF THE EMPTY PSECT (AND ITS COMPANION PSECT, NOACCESS). *
          0200 193 : *
          0200 194 : *****
          0200 195 : -
          0200 196 :
000001FF 0200 197 LOGNAM_CLN21 = . - 1 ; LOGNAM ARG FOR CRELOG (LAST BYTE IN PAGE)
000001FF 0200 198 EQLNAM_CLN31 = . - 1 ; EQLNAM ARG FOR CRELOG (LAST BYTE IN PAGE)
000001FF 0200 199 LOGNAM_DLN21 = . - 1 ; LOGNAM ARG FOR DELLOG (LAST BYTE IN PAGE)
000001FF 0200 200 LOGNAM_TLN11 = . - 1 ; LOGNAM ARG FOR TRNLOG (LAST BYTE IN PAGE)
000001FF 0200 201 RSLLEN_TLN22 = . - 1 ; RSLLEN ARG FOR TRNLOG (LAST BYTE IN PAGE)
000001FF 0200 202 RSLBUF_TLN31 = . - 1 ; RSLBUF ARG FOR TRNLOG (LAST BYTE IN PAGE)
000001F3 0200 203 . = . - 13 ; ALLOW ROOM FOR STRING DESCRIPTOR
          01F3 204 LOGNAM_CLN25: ; LOGNAM ARGUMENT FOR CRELOG
          01F3 205 EQLNAM_CLN35: ; EQLNAM ARGUMENT FOR CRELOG
          01F3 206 LOGNAM_DLN25: ; LOGNAM ARGUMENT FOR DELLOG
          01F3 207 LOGNAM_TLN15: ; LOGNAM ARGUMENT FOR TRNLOG
          01F3 208 RSLBUF_TLN35: ; RSLBUF ARGUMENT FOR TRNLOG
00000014 01F3 209 .LONG 20 ; STRING LENGTH (WILL CROSS PSECT BOUNDARY)
000001FB' 01F7 210 .ADDRESS .+4 ; STRING ADDRESS
          01FB 211 LOGNAM_CLN23: ; LOGNAM ARGUMENT FOR CRELOG
          01FB 212 EQLNAM_CLN33: ; EQLNAM ARGUMENT FOR CRELOG
          01FB 213 LOGNAM_DLN23: ; LOGNAM ARGUMENT FOR DELLOG
          01FB 214 LOGNAM_TLN13: ; LOGNAM ARGUMENT FOR TRNLOG
          01FB 215 RSLBUF_TLN33: ; RSLBUF ARGUMENT FOR TRNLOG
          FF 01FB 216 .BYTE 255 ; LOW-ORDER BYTE OF STRING LENGTH
          01FC 217 LOGNAM_CLN22: ; LOGNAM ARGUMENT FOR CRELOG
          01FC 218 EQLNAM_CLN32: ; EQLNAM ARGUMENT FOR CRELOG
          01FC 219 LOGNAM_DLN22: ; LOGNAM ARGUMENT FOR DELLOG
          01FC 220 LOGNAM_TLN12: ; LOGNAM ARGUMENT FOR TRNLOG
          01FC 221 RSLBUF_TLN32: ; RSLBUF ARGUMENT FOR TRNLOG
00000200 01FC 222 .BLKL 1 ; STRING LENGTH
          0200 223 :
          0200 224 :
          0200 225 :
          0200 226 :
00000000 227 .PSECT SATS ACCVIO_2,RD,WRT,NOEXE,PAGE
00000200 0000 228 NOACCESS: .BLKB 512 ; RESERVE A PAGE OF SPACE
00000000 0200 229 . = . - 512 ; RETURN LOC CTR TO BEGINNING OF PSECT
00000000' 0000 230 .ADDRESS EMPTY ; ADDRESS OF ACCESSIBLE STRING
00000000' 0004 231 .ADDRESS EMPTY/^X100 ; ADDRESS OF ACCESSIBLE STRING
          0008 232 : +
          0008 233 : *** NOTE -- DO NOT CHANGE LOCATION OR SEQUENCE OF ABOVE STATEMENTS!
          0008 234 : *** THIS PSECT (NOACCESS) MUST APPEAR IN MEMORY IMMEDIATELY
          0008 235 : *** FOLLOWING THE EMPTY PSECT. PSECT NAMES AND OPTIONS WILL BE
          0008 236 : *** CHOSEN TO FORCE THE DESIRED PSECT ORDERING.
          0008 237 : -
          0008 238 LOGNAM_CLN20: STRING 1,<SFCLN20> ; LOGNAM ARGUMENT FOR CRELOG
          0017 239 EQLNAM_CLN30: STRING 1,<SFCLN30> ; EQLNAM ARGUMENT FOR CRELOG
```

SATSSF03
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:31:29 VAX/VMS Macro V04-00
DECLARATIONS 5-SEP-1984 04:27:31 [UETPSY.SRC]SATSSF03.MAR;1

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0026 240 LOGNAM_DLN20: STRING 1,<SFDLN20> ; LOGNAM ARGUMENT FOR DELLOG
0035 241 LOGNAM_TLN10: STRING 1,<SFTLN10> ; LOGNAM ARGUMENT FOR TRNLOG
0044 242 RSLBUF_TLN30: STRINGO 15 ; RSLBUF ARGUMENT FOR TRNLOG
005B 243 :
005B 244 :
005B 245 :
005B 246 :
00000000 247 .PSECT SATSSF03,RD,WRT,EXE,LONG
```



```
0000 249 .SBTTL SATSSF03
0000 250 :++
0000 251 : FUNCTIONAL DESCRIPTION:
0000 252 :
0000 253 : AFTER PERFORMING SOME INITIAL HOUSEKEEPING, SUCH AS
0000 254 : PRINTING THE MODULE BEGIN MESSAGE AND ACQUIRING ALL PRIVILEGES,
0000 255 : THE SATSSF03 ROUTINE EXECUTES THE TEST SERV EXEC MACRO TO RUN
0000 256 : ALL TEST CASES. WHEN THE MACRO COMPLETES ITS EXECUTION, SATSSF03
0000 257 : PRINTS A TEST MODULE SUCCESS OR FAIL MESSAGE AND EXITS TO THE
0000 258 : OPERATING SYSTEM. TEST SERV EXEC CALLS THE TC CONTROL/TESTSERV
0000 259 : CO-ROUTINE PAIR ONCE PER TEST CASE GROUP TO EXECUTE ALL TEST
0000 260 : CASES IN THAT GROUP. EACH TEST CASE GROUP IS DEFINED BY BOUNDING
0000 261 : ITS TEST CASES WITH A TC GROUP MACRO BEFORE THE FIRST TEST CASE
0000 262 : AND A TCEND MACRO AFTER THE LAST ONE. THE TEST CASES THEMSELVES
0000 263 : ARE DEFINED WITHIN THESE BOUNDS BY PRECEDING EACH WITH A
0000 264 : NEXT TEST CASE MACRO. TC CONTROL/TESTSERV EXECUTES THE CODE
0000 265 : FOLLOWING EACH NEXT TEST CASE MACRO IMMEDIATELY BEFORE ISSUING
0000 266 : THE SYSTEM SERVICE AS REQUESTED IN THE TESTSERV MACRO. TC CONTROL/
0000 267 : TESTSERV ALSO CHECKS THE RESULTS OF THE SERVICE WITH RESPECT
0000 268 : TO ITS EXPECTED STATUS CODE AND PRINTS ANY REQUIRED FAILURE
0000 269 : MESSAGES FOR THE TEST CASE. THE CODE APPEARING AFTER EACH
0000 270 : NEXT TEST CASE MACRO IS MERELY TO SET UP CONDITIONS REQUIRED
0000 271 : FOR THE SYSTEM SERVICE AND TO CLEAN UP ANY RESOURCES ACQUIRED
0000 272 : BY THE PREVIOUS TEST CASE.
0000 273 :
0000 274 : CALLING SEQUENCE:
0000 275 :
0000 276 : $ RUN SATSSF03 ... (DCL COMMAND)
0000 277 :
0000 278 : INPUT PARAMETERS:
0000 279 :
0000 280 : NONE
0000 281 :
0000 282 : IMPLICIT INPUTS:
0000 283 :
0000 284 : NONE
0000 285 :
0000 286 : OUTPUT PARAMETERS:
0000 287 :
0000 288 : NONE
0000 289 :
0000 290 : IMPLICIT OUTPUTS:
0000 291 :
0000 292 : MESSAGES TO SYS$OUTPUT ARE THE ONLY OUTPUT FROM SATSSF03.
0000 293 : THEY ARE OF THE FORM:
0000 294 :
0000 295 : %UETP-S-SATSMS, TEST MODULE SATSSF03 BEGUN ... (BEGIN MSG)
0000 296 : %UETP-S-SATSMS, TEST MODULE SATSSF03 SUCCESSFUL ... (END MSG)
0000 297 : %UETP-E-SATSMS, TEST MODULE SATSSF03 FAILED ... (END MSG)
0000 298 : %UETP-I-TEXT, ... (VARIABLE INFORMATION ABOUT A TEST MODULE FAILURE)
0000 299 :
0000 300 : COMPLETION CODES:
0000 301 :
0000 302 : THE SATSSF03 ROUTINE TERMINATES WITH A $EXIT TO THE
0000 303 : OPERATING SYSTEM WITH A STATUS CODE DEFINED BY UETP$_SATSMS.
0000 304 :
0000 305 : SIDE EFFECTS:
```

```
0000 306 :  
0000 307 : NONE  
0000 308 :  
0000 309 :--  
0000 310 :  
0000 311 :  
0000 312 :  
0000 313 SATSSF03:  
OFFC 0000 314 .WORD ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11>  
0002 315 : ENTRY MASK  
0002 316 $WAKE S TPID : GET PID OF THIS PROCESS  
0011 317 $HIBER S : UNDO WAKE  
0018 318 $SETPRN_S TEST MOD NAME_D : SET PROCESS NAME  
0025 319 BSBW MOD MSG PRINT : PRINT TEST MODULE BEGIN MSG  
0028 320 MOVAL TEST MOD_SUCC,TMD ADDR : ASSUME END MSG WILL SHOW SUCCESS  
0033 321 INSV #SUCCESS,#0,#3,MOD_MSG_CODE : ADJUST STATUS CODE FOR SUCCESS  
003C 322 MODE TO,10$,KRNL,NOREGS : KERNEL MODE TO ACCESS PHD  
0059 323 MOVL @#CTL$GL PHD,R9 : GET PROCESS HEADER ADDRESS  
0060 324 MOVAL PHD$Q PRIVMSK(R9),PRIVMASK : GET PRIV MASK ADDRESS  
0067 325 MODE FROM,T0$ : GET BACK TO USER MODE  
0068 326 PRIV ADD,ALL : GET ALL PRIVILEGES  
0088 327 DISPSERV : SET UP DISPLAY INFO FOR TESTSERV  
021D 328 $SETPRT_S INADR=INADR, RETADR=RETADR, -  
021D 329 PROT=PROT, PRVPRT=PRVPRT  
023E 330 : SET NOACCESS PSECT  
023E 331 : ... FOR NO USER ACCESS  
13BD 31 023E 332 BRW EXECUTE : GO EXECUTE ALL TEST CASES  
0241 333 :  
0241 334 TC_GROUP CLN,1,TS1  
0268 335 :  
0268 336 NEXT_TEST_CASE SFCLN10
```



```

0268 337 :
0268 338 :++
0268 339 :*****
0268 340 :*
0268 341 :* TEST CASE NAME: SFCLN10
0268 342 :*
0268 343 :* SYSTEM SERVICE: CRELOG
0268 344 :*
0268 345 :* ARGUMENT UNDER TEST: TBLFLG_CLN10
0268 346 :*
0268 347 :* INPUT CONDITIONS:
0268 348 :* ILLEGAL TABLE NUMBER
0268 349 :*
0268 350 :* EXPECTED RESULTS:
0268 351 :* 1) SYSTEM STATUS CODE: IVLOGTAB
0268 352 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0268 353 :*
0268 354 :*****
0268 355 :--
0268 356 :
00000091'EF CE 8F 98 0268 357 : CVTBL #-50,TBLFLG_CLN10 ; ILLEGAL TABLE NUMBER
0270 358 :
0270 359 : NEXT_TEST_CASE SFCLN11

```

```

027C 360 :
027C 361 :++
027C 362 :*****
027C 363 :*
027C 364 :* TEST CASE NAME: SFCLN11
027C 365 :*
027C 366 :* SYSTEM SERVICE: CRELOG
027C 367 :*
027C 368 :* ARGUMENT UNDER TEST: TBLFLG_CLN11
027C 369 :*
027C 370 :* INPUT CONDITIONS:
027C 371 :* ILLEGAL TABLE NUMBER
027C 372 :*
027C 373 :* EXPECTED RESULTS:
027C 374 :* 1) SYSTEM STATUS CODE: IVLOGTAB
027C 375 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
027C 376 :*
027C 377 :*****
027C 378 :--
027C 379 :
00000095'EF FF 8F 98 027C 380 : CVTBL #-1,TBLFLG_CLN11 ; ILLEGAL TABLE NUMBER
0284 381 :
0284 382 : NEXT_TEST_CASE SFCLN12

```



```

0290 383 :
0290 384 :++
0290 385 :*****
0290 386 :*
0290 387 :* TEST CASE NAME: SFCLN12
0290 388 :*
0290 389 :* SYSTEM SERVICE: CRELOG
0290 390 :*
0290 391 :* ARGUMENT UNDER TEST: TBLFLG_CLN12
0290 392 :*
0290 393 :* INPUT CONDITIONS:
0290 394 :* ILLEGAL TABLE NUMBER
0290 395 :*
0290 396 :* EXPECTED RESULTS:
0290 397 :* 1) SYSTEM STATUS CODE: IVLOGTAB
0290 398 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0290 399 :*
0290 400 :*****
0290 401 :--
0290 402 :
00000099'EF 03 98 0290 403 : CVTBL #3,TBLFLG_CLN12 ; ILLEGAL TABLE NUMBER
0297 404 :
0297 405 : NEXT_TEST_CASE SFCLN13

```

```

02A3 406 :
02A3 407 :++
02A3 408 :*****
02A3 409 :*
02A3 410 :* TEST CASE NAME: SFCLN13
02A3 411 :*
02A3 412 :* SYSTEM SERVICE: CRELOG
02A3 413 :*
02A3 414 :* ARGUMENT UNDER TEST: TBLFLG_CLN13
02A3 415 :*
02A3 416 :* INPUT CONDITIONS:
02A3 417 :* ILLEGAL TABLE NUMBER
02A3 418 :*
02A3 419 :* EXPECTED RESULTS:
02A3 420 :* 1) SYSTEM STATUS CODE: IVLOSTAB
02A3 421 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
02A3 422 :*
02A3 423 :*****
02A3 424 :--
02A3 425 :
0000009D'EF 2710 8F 32 02A3 426 : CVTWL #10000,TBLFLG_CLN13 ; ILLEGAL TABLE NUMBER
02AC 427 :
02AC 428 : NEXT_TEST_CASE SFCLN20

```



```

02B8 429 :
02B8 430 :++
02B8 431 :*****
02B8 432 :*
02B8 433 :* TEST CASE NAME: SFCLN20
02B8 434 :*
02B8 435 :* SYSTEM SERVICE: CRELOG
02B8 436 :*
02B8 437 :* ARGUMENT UNDER TEST: LOGNAM_CLN20
02B8 438 :*
02B8 439 :* INPUT CONDITIONS:
02B8 440 :* LOGNAM STRING DESCRIPTOR LENGTH FIELD IN
02B8 441 :* NON-ACCESSIBLE PSECT.
02B8 442 :*
02B8 443 :* EXPECTED RESULTS:
02B8 444 :* 1) SYSTEM STATUS CODE: ACCVIO
02B8 445 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
02B8 446 :*
02B8 447 :*****
02B8 448 :--
02B8 449 :
02B8 450 :
C2B8 451 : NEXT_TEST_CASE SFCLN21

```

```
02C4 452 :  
02C4 453 :++  
02C4 454 :*****  
02C4 455 :*  
02C4 456 :* TEST CASE NAME: SFCLN21  
02C4 457 :*  
02C4 458 :* SYSTEM SERVICE: CRELOG  
02C4 459 :*  
02C4 460 :* ARGUMENT UNDER TEST: LOGNAM_CLN21  
02C4 461 :*  
02C4 462 :* INPUT CONDITIONS:  
02C4 463 :* LOGNAM STRING DESCRIPTOR LENGTH FIELD BEGINS IN  
02C4 464 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.  
02C4 465 :*  
02C4 466 :* EXPECTED RESULTS:  
02C4 467 :* 1) SYSTEM STATUS CODE: ACCVIO  
02C4 468 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
02C4 469 :*  
02C4 470 :*****  
02C4 471 :--  
02C4 472 :  
02C4 473 :  
02C4 474 : NEXT_TEST_CASE SFCLN22
```



```

02D0 475 :
02D0 476 :++
02D0 477 :*****
02D0 478 :*
02D0 479 :* TEST CASE NAME: SFCLN22
02D0 480 :*
02D0 481 :* SYSTEM SERVICE: CRELOG
02D0 482 :*
02D0 483 :* ARGUMENT UNDER TEST: LOGNAM_CLN22
02D0 484 :*
02D0 485 :* INPUT CONDITIONS:
02D0 486 :* LOGNAM STRING DESCRIPTOR ADDRESS FIELD IN
02D0 487 :* NON-ACCESSIBLE PSECT.
02D0 488 :*
02D0 489 :* EXPECTED RESULTS:
02D0 490 :* 1) SYSTEM STATUS CODE: ACCVIO
02D0 491 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
02D0 492 :*
02D0 493 :*****
02D0 494 :--
02D0 495 :
000001FC'EF 03 9A 02D0 496 : MOVZBL #3,LOGNAM_CLN22 ; ESTABLISH STRING LENGTH
02D7 497 :
02D7 498 : NEXT_TEST_CASE SFCLN23

```

```

000001FB'EF 03 9A
02E3 499 :
02E3 500 :++
02E3 501 :*****
02E3 502 :*
02E3 503 :* TEST CASE NAME: SFCLN23
02E3 504 :*
02E3 505 :* SYSTEM SERVICE: CRELOG
02E3 506 :*
02E3 507 :* ARGUMENT UNDER TEST: LOGNAM_CLN23
02E3 508 :*
02E3 509 :* INPUT CONDITIONS:
02E3 510 :* LOGNAM STRING DESCRIPTOR ADDRESS FIELD BEGINS IN
02E3 511 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
02E3 512 :*
02E3 513 :* EXPECTED RESULTS:
02E3 514 :* 1) SYSTEM STATUS CODE: ACCVIO
02E3 515 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
02E3 516 :*
02E3 517 :*****
02E3 518 :--
02E3 519 :
02E3 520 : MOVZBL #3,LOGNAM_CLN23 ; ESTABLISH STRING LENGTH
02EA 521 :
02EA 522 : NEXT_TEST_CASE SFCLN24

```



```

02F6 523 :
02F6 524 :++
02F6 525 :*****
02F6 526 :*
02F6 527 :* TEST CASE NAME: SFCLN24
02F6 528 :*
02F6 529 :* SYSTEM SERVICE: CRELOG
02F6 530 :*
02F6 531 :* ARGUMENT UNDER TEST: LOGNAM_CLN24
02F6 532 :*
02F6 533 :* INPUT CONDITIONS:
02F6 534 :* LOGNAM STRING IN NON-ACCESSIBLE PSECT
02F6 535 :*
02F6 536 :* EXPECTED RESULTS:
02F6 537 :* 1) SYSTEM STATUS CODE: ACCVIO
02F6 538 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
02F6 539 :*
02F6 540 :*****
02F6 541 :--
02F6 542 :
02F6 543 :
02F6 544 :
NEXT_TEST_CASE SFCLN30

```

```

0302 545 :
0302 546 :++
0302 547 :*****
0302 548 :*
0302 549 :* TEST CASE NAME: SFCLN30
0302 550 :*
0302 551 :* SYSTEM SERVICE: CRELOG
0302 552 :*
0302 553 :* ARGUMENT UNDER TEST: EQLNAM_CLN30
0302 554 :*
0302 555 :* INPUT CONDITIONS:
0302 556 :* EQLNAM STRING DESCRIPTOR LENGTH FIELD IN
0302 557 :* NON-ACCESSIBLE PSECT.
0302 558 :*
0302 559 :* EXPECTED RESULTS:
0302 560 :* 1) SYSTEM STATUS CODE: ACCVIO
0302 561 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0302 562 :*
0302 563 :*****
0302 564 :--
0302 565 :
0302 566 :
0302 567 :
NEXT_TEST_CASE SFCLN31

```



```

030E 568 :
030E 569 :++
030E 570 :*****
030E 571 :*
030E 572 :* TEST CASE NAME: SFCLN31
030E 573 :*
030E 574 :* SYSTEM SERVICE: CRELOG
030E 575 :*
030E 576 :* ARGUMENT UNDER TEST: EQLNAM_CLN31
030E 577 :*
030E 578 :* INPUT CONDITIONS:
030E 579 :* EQLNAM STRING DESCRIPTOR LENGTH FIELD BEGINS IN
030E 580 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
030E 581 :*
030E 582 :* EXPECTED RESULTS:
030E 583 :* 1) SYSTEM STATUS CODE: ACCVIO
030E 584 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
030E 585 :*
030E 586 :*****
030E 587 :--
030E 588 :
030E 589 :
030E 590 : NEXT_TEST_CASE SFCLN32

```

```
031A 591 :  
031A 592 :++  
031A 593 :*****  
031A 594 :*  
031A 595 :* TEST CASE NAME: SFCLN32  
031A 596 :*  
031A 597 :* SYSTEM SERVICE: CRELOG  
031A 598 :*  
031A 599 :* ARGUMENT UNDER TEST: EQLNAM_CLN32  
031A 600 :*  
031A 601 :* INPUT CONDITIONS:  
031A 602 :* EQLNAM STRING DESCRIPTOR ADDRESS FIELD IN  
031A 603 :* NON-ACCESSIBLE PSECT.  
031A 604 :*  
031A 605 :* EXPECTED RESULTS:  
031A 606 :* 1) SYSTEM STATUS CODE: ACCVIO  
031A 607 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
031A 608 :*  
031A 609 :*****  
031A 610 :--  
031A 611 :  
000001FC'EF 03 9A 031A 612 : MOVZBL #3,EQLNAM_CLN32 ; ESTABLISH STRING LENGTH  
0321 613 :  
0321 614 : NEXT_TEST_CASE SFCLN33
```



```

0320 615 :
0320 616 :++
0320 617 :*****
0320 618 :*
0320 619 :* TEST CASE NAME: SFCLN33
0320 620 :*
0320 621 :* SYSTEM SERVICE: CRELOG
0320 622 :*
0320 623 :* ARGUMENT UNDER TEST: EQLNAM_CLN33
0320 624 :*
0320 625 :* INPUT CONDITIONS:
0320 626 :* EQLNAM STRING DESCRIPTOR ADDRESS FIELD BEGINS IN
0320 627 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
0320 628 :*
0320 629 :* EXPECTED RESULTS:
0320 630 :* 1) SYSTEM STATUS CODE: ACCVIO
0320 631 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0320 632 :*
0320 633 :*****
0320 634 :--
000001FB'EF 03 9A 0320 635 :
0320 636 : MOVZBL #3,EQLNAM_CLN33 ; ESTABLISH STRING LENGTH
0334 637 :
0334 638 : NEXT_TEST_CASE SFCLN34

```

```

0340 639 :
0340 640 :++
0340 641 :*****
0340 642 :*
0340 643 :* TEST CASE NAME:          SFCLN34
0340 644 :*
0340 645 :* SYSTEM SERVICE:          CRELOG
0340 646 :*
0340 647 :* ARGUMENT UNDER TEST:     EQLNAM_CLN34
0340 648 :*
0340 649 :* INPUT CONDITIONS:
0340 650 :*   EQLNAM STRING IN NON-ACCESSIBLE PSECT
0340 651 :*
0340 652 :* EXPECTED RESULTS:
0340 653 :*   1) SYSTEM STATUS CODE:  ACCVIO
0340 654 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
0340 655 :

```


SATSSF03
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:31:29 VAX/VMS Macro V04-00 Page 25
SFCLN34 5-SEP-1984 04:27:31 [UETPSY.SRC]SATSSF03.MAR;1 (2)

0340 657 : *****
0340 658 :--
0340 659 :
0340 660 :
0340 661 : TCEND

SATSSF03
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING ^{L 7} S. 16-SEP-1984 00:31:29 VAX/VMS Macro V04-00 Page 26
5-SEP-1984 04:27:31 [UETPSY.SRC]SATSSF03.MAR;1 (2)

0341	662	TC_GROUP	CLN,2,TS2
0368	663 ;		
0368	664	NEXT_TEST_CASE	SFCLN25


```

0368 665 :
0368 666 :++
0368 667 :*****
0368 668 :*
0368 669 :* TEST CASE NAME: SFCLN25
0368 670 :*
0368 671 :* SYSTEM SERVICE: CRELOG
0368 672 :*
0368 673 :* ARGUMENT UNDER TEST: LOGNAM_CLN25
0368 674 :*
0368 675 :* INPUT CONDITIONS:
0368 676 :* LOGNAM STRING BEGINS IN ACCESSIBLE PSECT,
0368 677 :* ENDS IN NON-ACCESSIBLE PSECT.
0368 678 :*
0368 679 :* EXPECTED RESULTS:
0368 680 :* 1) SYSTEM STATUS CODE: ACCVIO
0368 681 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0368 682 :*
0368 683 :*****
0368 684 :--
0368 685 :
0368 686 :
0368 687 : NEXT_TEST_CASE SFCLN26

```

```

0374 688 :
0374 689 :++
0374 690 :*****
0374 691 :*
0374 692 :* TEST CASE NAME: SFCLN26
0374 693 :*
0374 694 :* SYSTEM SERVICE: CRELOG
0374 695 :*
0374 696 :* ARGUMENT UNDER TEST: LOGNAM_CLN26
0374 697 :*
0374 698 :* INPUT CONDITIONS:
0374 699 :* LOGNAM STRING LONGER THAN 63 CHARACTERS
0374 700 :*
0374 701 :* EXPECTED RESULTS:
0374 702 :* 1) SYSTEM STATUS CODE: IVLOGNAM
0374 703 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0374 704 :*
0374 705 :*****
0374 706 :--
0374 707 :
0374 708 :
0374 709 : NEXT_TEST_CASE SFCLN27

```



```

0380 710 :
0380 711 :++
0380 712 :*****
0380 713 :*
0380 714 :* TEST CASE NAME:          SFCLN27
0380 715 :*
0380 716 :* SYSTEM SERVICE:           CRELOG
0380 717 :*
0380 718 :* ARGUMENT UNDER TEST:      LOGNAM_CLN27
0380 719 :*
0380 720 :* INPUT CONDITIONS:
0380 721 :*   LOGNAM STRING OF LENGTH ZERO
0380 722 :*
0380 723 :* EXPECTED RESULTS:
0380 724 :*   1) SYSTEM STATUS CODE:  IVLOGNAM
0380 725 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
0380 726 :*
0380 727 :*****
0380 728 :--
0380 729 :
0380 730 :
0380 731 :      NEXT_TEST_CASE  SFCLN35

```

```

038C 732 :
038C 733 :++
038C 734 :*****
038C 735 :*
038C 736 :* TEST CASE NAME: SFCLN35
038C 737 :*
038C 738 :* SYSTEM SERVICE: CRELOG
038C 739 :*
038C 740 :* ARGUMENT UNDER TEST: EQLNAM_CLN35
038C 741 :*
038C 742 :* INPUT CONDITIONS:
038C 743 :* EQLNAM STRING BEGINS IN ACCESSIBLE PSECT,
038C 744 :* ENDS IN NON-ACCESSIBLE PSECT.
038C 745 :*
038C 746 :* EXPECTED RESULTS:
038C 747 :* 1) SYSTEM STATUS CODE: ACCVIO
038C 748 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
038C 749 :*
038C 750 :*****
038C 751 :--
038C 752 :
038C 753 :
038C 754 : NEXT_TEST_CASE SFCLN36

```



```
0398 755 :  
0398 756 :++  
0398 757 :*****  
0398 758 :  
0398 759 : * TEST CASE NAME: SFCLN36  
0398 760 : *  
0398 761 : * SYSTEM SERVICE: CRELOG  
0398 762 : *  
0398 763 : * ARGUMENT UNDER TEST: EQLNAM_CLN36  
0398 764 : *  
0398 765 : * INPUT CONDITIONS:  
0398 766 : * EQLNAM STRING LONGER THAN 63 CHARACTERS  
0398 767 : *  
0398 768 : * EXPECTED RESULTS:  
0398 769 : * 1) SYSTEM STATUS CODE: IVLOGNAM  
0398 770 : * 2) REGISTERS R2 THROUGH FP UNCHANGED  
0398 771 : *  
0398 772 :*****  
0398 773 :--  
0398 774 :  
0398 775 :  
0398 776 : NEXT_TEST_CASE SFCLN37
```

```

03A4 777 :
03A4 778 :++
03A4 779 :*****
03A4 780 :*
03A4 781 :* TEST CASE NAME: SFCLN37
03A4 782 :*
03A4 783 :* SYSTEM SERVICE: CRELOG
03A4 784 :*
03A4 785 :* ARGUMENT UNDER TEST: EQLNAM_CLN37
03A4 786 :*
03A4 787 :* INPUT CONDITIONS:
03A4 788 :* EQLNAM STRING OF LENGTH ZERO
03A4 789 :*
03A4 790 :* EXPECTED RESULTS:
03A4 791 :* 1) SYSTEM STATUS CODE: IVLOGNAM
03A4 792 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
03A4 793 :*
03A4 794 :*****
03A4 795 :--
03A4 796 :
03A4 797 :
03A4 798 : TCEND

```


SATSSF03
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:31:29 VAX/VMS Macro V04-00 Page 33
5-SEP-1984 04:27:31 [UETPSY.SRC]SATSSF03.MAR;1 (2)

03A5	799	:		
03A5	800	:	TC_GROUP	DLN,1,TS3
03CC	801	:		
03CC	802	:	NEXT_TEST_CASE	SFDLN10

```

03CC 803 :
03CC 804 :++
03CC 805 :*****
03CC 806 :*
03CC 807 :* TEST CASE NAME: SFDLN10
03CC 808 :*
03CC 809 :* SYSTEM SERVICE: DELLOG
03CC 810 :*
03CC 811 :* ARGUMENT UNDER TEST: TBLFLG_DLN10
03CC 812 :*
03CC 813 :* INPUT CONDITIONS:
03CC 814 :* ILLEGAL TABLE NUMBER
03CC 815 :*
03CC 816 :* EXPECTED RESULTS:
03CC 817 :* 1) SYSTEM STATUS CODE: IVLOGTAB
03CC 818 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
03CC 819 :*
03CC 820 :*****
03CC 821 :--
03CC 822 :
000000A1'EF CE 8F 98 03CC 823 : CVTBL #-50,TBLFLG_DLN10 ; ILLEGAL TABLE NUMBER
03D4 824 :
03D4 825 : NEXT_TEST_CASE SFDLN11

```



```
03E0 826 :  
03E0 827 :++  
03E0 828 :*****  
03E0 829 :*  
03E0 830 :* TEST CASE NAME: SFDLN11  
03E0 831 :*  
03E0 832 :* SYSTEM SERVICE: DELLOG  
03E0 833 :*  
03E0 834 :* ARGUMENT UNDER TEST: TBLFLG_DLN11  
03E0 835 :*  
03E0 836 :* INPUT CONDITIONS:  
03E0 837 :* ILLEGAL TABLE NUMBER  
03E0 838 :*  
03E0 839 :* EXPECTED RESULTS:  
03E0 840 :* 1) SYSTEM STATUS CODE: IVLOGTAB  
03E0 841 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
03E0 842 :*  
03E0 843 :*****  
03E0 844 :--  
03E0 845 :  
000000A5'EF FF 8F 98 03E0 846 : CVTBL #-1,TBLFLG_DLN11 ; ILLEGAL TABLE NUMBER  
03E8 847 :  
03E8 848 : NEXT_TEST_CASE SFDLN12
```

```

03F4 849 :
03F4 850 :++
03F4 851 :*****
03F4 852 :*
03F4 853 :* TEST CASE NAME: SFDLN12
03F4 854 :*
03F4 855 :* SYSTEM SERVICE: DELLOG
03F4 856 :*
03F4 857 :* ARGUMENT UNDER TEST: TBLFLG_DLN12
03F4 858 :*
03F4 859 :* INPUT CONDITIONS:
03F4 860 :* ILLEGAL TABLE NUMBER
03F4 861 :*
03F4 862 :* EXPECTED RESULTS:
03F4 863 :* 1) SYSTEM STATUS CODE: IVLOGTAB
03F4 864 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
03F4 865 :*
03F4 866 :*****
03F4 867 :--
03F4 868 :
000000A9'EF 03 98 03F4 869 : CVTBL #3,TBLFLG_DLN12 ; ILLEGAL TABLE NUMBER
03FB 870 :
03FB 871 : NEXT_TEST_CASE SFDLN13

```



```

0407 872 :
0407 873 :++
0407 874 :*****
0407 875 :*
0407 876 :* TEST CASE NAME: SFDLN13
0407 877 :*
0407 878 :* SYSTEM SERVICE: DELLOG
0407 879 :*
0407 880 :* ARGUMENT UNDER TEST: TBLFLG_DLN13
0407 881 :*
0407 882 :* INPUT CONDITIONS:
0407 883 :* ILLEGAL TABLE NUMBER
0407 884 :*
0407 885 :* EXPECTED RESULTS:
0407 886 :* 1) SYSTEM STATUS CODE: IVLOGTAB
0407 887 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0407 888 :*
0407 889 :*****
0407 890 :--
0407 891 :
000000AD'EF 2710 8F 32 0407 892 : CVTWL #10000,TBLFLG_DLN13 ; ILLEGAL TABLE NUMBER
0410 893 :
0410 894 : NEXT_TEST_CASE SFDLN20

```

```

041C 895 :
041C 896 :++
041C 897 :*****
041C 898 :*
041C 899 :* TEST CASE NAME: SFDLN20
041C 900 :*
041C 901 :* SYSTEM SERVICE: DELLOG
041C 902 :*
041C 903 :* ARGUMENT UNDER TEST: LOGNAM_DLN20
041C 904 :*
041C 905 :* INPUT CONDITIONS:
041C 906 :* LOGNAM STRING DESCRIPTOR LENGTH FIELD IN
041C 907 :* NON-ACCESSIBLE PSECT.
041C 908 :*
041C 909 :* EXPECTED RESULTS:
041C 910 :* 1) SYSTEM STATUS CODE: ACCVIO
041C 911 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
041C 912 :*
041C 913 :*****
041C 914 :--
041C 915 :
041C 916 :
041C 917 : NEXT_TEST_CASE SFDLN21

```



```

0428 918 :
0428 919 :++
0428 920 :*****
0428 921 :*
0428 922 :* TEST CASE NAME: SFDLN21
0428 923 :*
0428 924 :* SYSTEM SERVICE: DELLOG
0428 925 :*
0428 926 :* ARGUMENT UNDER TEST: LOGNAM_DLN21
0428 927 :*
0428 928 :* INPUT CONDITIONS:
0428 929 :* LOGNAM STRING DESCRIPTOR LENGTH FIELD BEGINS IN
0428 930 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
0428 931 :*
0428 932 :* EXPECTED RESULTS:
0428 933 :* 1) SYSTEM STATUS CODE: ACCVIO
0428 934 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0428 935 :*
0428 936 :*****
0428 937 :--
0428 938 :
0428 939 :
0428 940 : NEXT_TEST_CASE SFDLN22

```

```

0434 941 :
0434 942 :++
0434 943 :*****
0434 944 :*
0434 945 :* TEST CASE NAME: SFDLN22
0434 946 :*
0434 947 :* SYSTEM SERVICE: DELLOG
0434 948 :*
0434 949 :* ARGUMENT UNDER TEST: LOGNAM_DLN22
0434 950 :*
0434 951 :* INPUT CONDITIONS:
0434 952 :* LOGNAM STRING DESCRIPTOR ADDRESS FIELD IN
0434 953 :* NON-ACCESSIBLE PSECT.
0434 954 :*
0434 955 :* EXPECTED RESULTS:
0434 956 :* 1) SYSTEM STATUS CODE: ACCVIO
0434 957 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0434 958 :*
0434 959 :*****
0434 960 :--
0434 961 :
000001FC'EF 03 9A 0434 962 : MOVZBL #3,LOGNAM_DLN22 ; ESTABLISH STRING LENGTH
0438 963 :
0438 964 : NEXT_TEST_CASE SFDLN23

```



```

000001FB'EF  03  9A 0447 965 :
0447 966 :++
0447 967 :*****
0447 968 :*
0447 969 :* TEST CASE NAME:          SFDLN23
0447 970 :*
0447 971 :* SYSTEM SERVICE:          DELLOG
0447 972 :*
0447 973 :* ARGUMENT UNDER TEST:     LOGNAM_DLN23
0447 974 :*
0447 975 :* INPUT CONDITIONS:
0447 976 :*   LOGNAM STRING DESCRIPTOR ADDRESS FIELD BEGINS IN
0447 977 :*   ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
0447 978 :*
0447 979 :* EXPECTED RESULTS:
0447 980 :*   1) SYSTEM STATUS CODE: ACCVIO
0447 981 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
0447 982 :*
0447 983 :*****
0447 984 :--
0447 985 :
0447 986 :   MOVZBL #3,LOGNAM_DLN23 ; ESTABLISH STRING LENGTH
044E 987 :
044E 988 :   NEXT_TEST_CASE SFDLN24

```

```

045A 989 :
045A 990 :++
045A 991 :*****
045A 992 :*
045A 993 :* TEST CASE NAME: SFDLN24
045A 994 :*
045A 995 :* SYSTEM SERVICE: DELLOG
045A 996 :*
045A 997 :* ARGUMENT UNDER TEST: LOGNAM_DLN24
045A 998 :*
045A 999 :* INPUT CONDITIONS:
045A 1000 :* LOGNAM STRING IN NON-ACCESSIBLE PSECT
045A 1001 :*
045A 1002 :* EXPECTED RESULTS:
045A 1003 :* 1) SYSTEM STATUS CODE: ACCVIO
045A 1004 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
045A 1005 :*
045A 1006 :*****
045A 1007 :--
045A 1008 :
045A 1009 :
045A 1010 : TCEND

```


SATSSF03
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:31:29 VAX/VMS Macro V04-00 Page 43
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045B	1011	TC_GROUP	DLN,2,TS4
0482	1012		
0482	1013	NEXT_TEST_CASE	SFDLN25

```

0482 1014 :
0482 1015 :++
0482 1016 :*****
0482 1017 :*
0482 1018 :* TEST CASE NAME: SFDLN25
0482 1019 :*
0482 1020 :* SYSTEM SERVICE: DELLOG
0482 1021 :*
0482 1022 :* ARGUMENT UNDER TEST: LOGNAM_DLN25
0482 1023 :*
0482 1024 :* INPUT CONDITIONS:
0482 1025 :* LOGNAM STRING BEGINS IN ACCESSIBLE PSECT,
0482 1026 :* ENDS IN NON-ACCESSIBLE PSECT.
0482 1027 :*
0482 1028 :* EXPECTED RESULTS:
0482 1029 :* 1) SYSTEM STATUS CODE: ACCVIO
0482 1030 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0482 1031 :*
0482 1032 :*****
0482 1033 :--
0482 1034 :
0482 1035 :
0482 1036 :
NEXT_TEST_CASE SFDLN26

```



```

048E 1037 :
048E 1038 :++
048E 1039 :*****
048E 1040 :*
048E 1041 :* TEST CASE NAME: SFDLN26
048E 1042 :*
048E 1043 :* SYSTEM SERVICE: DELLOG
048E 1044 :*
048E 1045 :* ARGUMENT UNDER TEST: LOGNAM_DLN26
048E 1046 :*
048E 1047 :* INPUT CONDITIONS:
048E 1048 :* LOGNAM STRING LONGER THAN 63 CHARACTERS
048E 1049 :*
048E 1050 :* EXPECTED RESULTS:
048E 1051 :* 1) SYSTEM STATUS CODE: IVLOGNAM
048E 1052 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
048E 1053 :*
048E 1054 :*****
048E 1055 :--
048E 1056 :
048E 1057 :
048E 1058 : NEXT_TEST_CASE SFDLN27

```

```

049A 1059 :
049A 1060 :++
049A 1061 :*****
049A 1062 :*
049A 1063 :* TEST CASE NAME: SFDLN27
049A 1064 :*
049A 1065 :* SYSTEM SERVICE: DELLOG
049A 1066 :*
049A 1067 :* ARGUMENT UNDER TEST: LOGNAM_DLN27
049A 1068 :*
049A 1069 :* INPUT CONDITIONS:
049A 1070 :* LOGNAM STRING OF LENGTH ZERO
049A 1071 :*
049A 1072 :* EXPECTED RESULTS:
049A 1073 :* 1) SYSTEM STATUS CODE: IVLOGNAM
049A 1074 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
049A 1075 :*
049A 1076 :*****
049A 1077 :--
049A 1078 :
049A 1079 :
049A 1080 : NEXT_TEST_CASE SFDLN28

```



```

04A6 1081 :
04A6 1082 :++
04A6 1083 :*****
04A6 1084 :*
04A6 1085 :* TEST CASE NAME:          SFDLN28
04A6 1086 :*
04A6 1087 :* SYSTEM SERVICE:          DELLOG
04A6 1088 :*
04A6 1089 :* ARGUMENT UNDER TEST:     LOGNAM_DLN28
04A6 1090 :*
04A6 1091 :* INPUT CONDITIONS:
04A6 1092 :*   LOGICAL NAME NEVER CREATED
04A6 1093 :*
04A6 1094 :* EXPECTED RESULTS:
04A6 1095 :*   1) SYSTEM STATUS CODE: NOLOGNAM
04A6 1096 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
04A6 1097 :*
04A6 1098 :*****
04A6 1099 :--
04A6 1100 :
04A6 1101 :
04A6 1102 :      NEXT_TEST_CASE  SFDLN29

```

```

0482 1103 :
0482 1104 :++
0482 1105 :*****
0482 1106 :*
0482 1107 :* TEST CASE NAME: SFDLN29
0482 1108 :*
0482 1109 :* SYSTEM SERVICE: DELLOG
0482 1110 :*
0482 1111 :* ARGUMENT UNDER TEST: LOGNAM_DLN29
0482 1112 :*
0482 1113 :* INPUT CONDITIONS:
0482 1114 :* LOGICAL NAME CREATED BY A MORE PRIVILEGED
0482 1115 :* ACCESS MODE.
0482 1116 :*
0482 1117 :* EXPECTED RESULTS:
0482 1118 :* 1) SYSTEM STATUS CODE: NOLOGNAM
0482 1119 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0482 1120 :*
0482 1121 :*****
0482 1122 :--
0482 1123 :
0482 1124 :
0482 1125 : TCEND

```


SATSSF03
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:31:29 VAX/VMS Macro V04-00 Page 49
5-SEP-1984 04:27:31 [UETPSY.SRC]SATSSF03.MAR;1 (2)

04B3	1126	:		
04B3	1127	:	TC_GROUP	TLN,1,TS5
04DA	1128	:		
04DA	1129	:	NEXT_TEST_CASE	SFTLN10

```

04DA 1130 :
04DA 1131 :++
04DA 1132 :*****
04DA 1133 :*
04DA 1134 :* TEST CASE NAME: SFTLN10
04DA 1135 :*
04DA 1136 :* SYSTEM SERVICE: TRNLOG
04DA 1137 :*
04DA 1138 :* ARGUMENT UNDER TEST: LOGNAM_TLN10
04DA 1139 :*
04DA 1140 :* INPUT CONDITIONS:
04DA 1141 :* LOGNAM STRING DESCRIPTOR LENGTH FIELD IN
04DA 1142 :* NON-ACCESSIBLE PSECT.
04DA 1143 :*
04DA 1144 :* EXPECTED RESULTS:
04DA 1145 :* 1) SYSTEM STATUS CODE: ACCVIO
04DA 1146 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
04DA 1147 :*
04DA 1148 :*****
04DA 1149 :--
04DA 1150 :
04DA 1151 :
04DA 1152 : NEXT_TEST_CASE SFTLN11

```



```

04E6 1153 :
04E6 1154 :++
04E6 1155 :*****
04E6 1156 :*
04E6 1157 :* TEST CASE NAME: SFTLN11
04E6 1158 :*
04E6 1159 :* SYSTEM SERVICE: TRNLOG
04E6 1160 :*
04E6 1161 :* ARGUMENT UNDER TEST: LOGNAM_TLN11
04E6 1162 :*
04E6 1163 :* INPUT CONDITIONS:
04E6 1164 :* LOGNAM STRING DESCRIPTOR LENGTH FIELD BEGINS IN
04E6 1165 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
04E6 1166 :*
04E6 1167 :* EXPECTED RESULTS:
04E6 1168 :* 1) SYSTEM STATUS CODE: ACCVIO
04E6 1169 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
04E6 1170 :*
04E6 1171 :*****
04E6 1172 :--
04E6 1173 :
04E6 1174 :
04E6 1175 : NEXT_TEST_CASE SFTLN12

```

```

04F2 1176 :
04F2 1177 :++
04F2 1178 :*****
04F2 1179 :*
04F2 1180 :* TEST CASE NAME: SFTLN12
04F2 1181 :*
04F2 1182 :* SYSTEM SERVICE: TRNLOG
04F2 1183 :*
04F2 1184 :* ARGUMENT UNDER TEST: LOGNAM_TLN12
04F2 1185 :*
04F2 1186 :* INPUT CONDITIONS:
04F2 1187 :* LOGNAM STRING DESCRIPTOR ADDRESS FIELD IN
04F2 1188 :* NON-ACCESSIBLE PSECT.
04F2 1189 :*
04F2 1190 :* EXPECTED RESULTS:
04F2 1191 :* 1) SYSTEM STATUS CODE: ACCVIO
04F2 1192 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
04F2 1193 :*
04F2 1194 :*****
04F2 1195 :--
04F2 1196 :
000001FC'EF 03 9A 04F2 1197 : MOVZBL #3,LOGNAM_TLN12 ; ESTABLISH STRING LENGTH
04F9 1198 :
04F9 1199 : NEXT_TEST_CASE SFTLN13

```



```

0505 1200 :
0505 1201 :++
0505 1202 :*****
0505 1203 :*
0505 1204 :* TEST CASE NAME: SFTLN13
0505 1205 :*
0505 1206 :* SYSTEM SERVICE: TRNLOG
0505 1207 :*
0505 1208 :* ARGUMENT UNDER TEST: LOGNAM_TLN13
0505 1209 :*
0505 1210 :* INPUT CONDITIONS:
0505 1211 :* LOGNAM STRING DESCRIPTOR ADDRESS FIELD BEGINS IN
0505 1212 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
0505 1213 :*
0505 1214 :* EXPECTED RESULTS:
0505 1215 :* 1) SYSTEM STATUS CODE: ACCVIO
0505 1216 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0505 1217 :*
0505 1218 :*****
0505 1219 :--
0505 1220 :
000001FB'EF 03 9A 0505 1221 : MOVZBL #3,LOGNAM_TLN13 ; ESTABLISH STRING LENGTH
050C 1222 :
050C 1223 : NEXT_TEST_CASE SFTLN14

```

```

0518 1224 :
0518 1225 :++
0518 1226 :*****
0518 1227 :*
0518 1228 :* TEST CASE NAME: SFTLN14
0518 1229 :*
0518 1230 :* SYSTEM SERVICE: TRNLOG
0518 1231 :*
0518 1232 :* ARGUMENT UNDER TEST: LOGNAM_TLN14
0518 1233 :*
0518 1234 :* INPUT CONDITIONS:
0518 1235 :* LOGNAM STRING IN NON-ACCESSIBLE PSECT
0518 1236 :*
0518 1237 :* EXPECTED RESULTS:
0518 1238 :* 1) SYSTEM STATUS CODE: ACCVIO
0518 1239 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0518 1240 :*
0518 1241 :*****
0518 1242 :--
0518 1243 :
0518 1244 :
0518 1245 : NEXT_TEST_CASE SFTLN20

```



```

0524 1246 :
0524 1247 :++
0524 1248 :*****
0524 1249 :*
0524 1250 :* TEST CASE NAME: SFTLN20
0524 1251 :*
0524 1252 :* SYSTEM SERVICE: TRNLOG
0524 1253 :*
0524 1254 :* ARGUMENT UNDER TEST: RSLLEN_TLN20
0524 1255 :*
0524 1256 :* INPUT CONDITIONS:
0524 1257 :* LENGTH OUTPUT FIELD AT LOCATION 1
0524 1258 :*
0524 1259 :* EXPECTED RESULTS:
0524 1260 :* 1) SYSTEM STATUS CODE: ACCVIO
0524 1261 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0524 1262 :*
0524 1263 :*****
0524 1264 :--
0524 1265 :
0524 1266 :
0524 1267 :
NEXT_TEST_CASE SFTLN21

```

```

0530 1268 :
0530 1269 :++
0530 1270 :*****
0530 1271 :*
0530 1272 :* TEST CASE NAME: SFTLN21
0530 1273 :*
0530 1274 :* SYSTEM SERVICE: TRNLOG
0530 1275 :*
0530 1276 :* ARGUMENT UNDER TEST: RSLEN_TLN21
0530 1277 :*
0530 1278 :* INPUT CONDITIONS:
0530 1279 :* LENGTH OUTPUT FIELD IN READ/ONLY PSECT
0530 1280 :*
0530 1281 :* EXPECTED RESULTS:
0530 1282 :* 1) SYSTEM STATUS CODE: ACCVIO
0530 1283 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0530 1284 :*
0530 1285 :*****
0530 1286 :--
0530 1287 :
0530 1288 :
0530 1289 :
NEXT_TEST_CASE SFTLN22

```



```

053C 1290 :
053C 1291 :++
053C 1292 :*****
053C 1293 :*
053C 1294 :* TEST CASE NAME: SFTLN22
053C 1295 :*
053C 1296 :* SYSTEM SERVICE: TRNLOG
053C 1297 :*
053C 1298 :* ARGUMENT UNDER TEST: RSLEN_TLN22
053C 1299 :*
053C 1300 :* INPUT CONDITIONS:
053C 1301 :* LENGTH OUTPUT FIELD BEGINS IN ACCESSIBLE
053C 1302 :* PSECT, ENDS IN NON-ACCESSIBLE PSECT.
053C 1303 :*
053C 1304 :* EXPECTED RESULTS:
053C 1305 :* 1) SYSTEM STATUS CODE: ACCVIO
053C 1306 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
053C 1307 :*
053C 1308 :*****
053C 1309 :--
053C 1310 :
053C 1311 :

```

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SFTLN22 5-SEP-1984 04:27:31 [UETPSY.SRC]SATSSF03.MAR;1 (3)

053C 1313

NEXT_TEST_CASE SFTLN30


```

0548 1314 :
0548 1315 :++
0548 1316 :*****
0548 1317 :*
0548 1318 :* TEST CASE NAME: SFTLN30
0548 1319 :*
0548 1320 :* SYSTEM SERVICE: TRNLOG
0548 1321 :*
0548 1322 :* ARGUMENT UNDER TEST: RSLBUF_TLN30
0548 1323 :*
0548 1324 :* INPUT CONDITIONS:
0548 1325 :* RSLBUF STRING DESCRIPTOR LENGTH FIELD IN
0548 1326 :* NON-ACCESSIBLE PSECT.
0548 1327 :*
0548 1328 :* EXPECTED RESULTS:
0548 1329 :* 1) SYSTEM STATUS CODE: ACCVIO
0548 1330 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0548 1331 :*
0548 1332 :*****
0548 1333 :--
0548 1334 :
0548 1335 :
0548 1336 :
NEXT_TEST_CASE SFTLN31

```

```

0554 1337 :
0554 1338 :++
0554 1339 :*****
0554 1340 :*
0554 1341 :* TEST CASE NAME: SFTLN31
0554 1342 :*
0554 1343 :* SYSTEM SERVICE: TRNLOG
0554 1344 :*
0554 1345 :* ARGUMENT UNDER TEST: RSLBUF_TLN31
0554 1346 :*
0554 1347 :* INPUT CONDITIONS:
0554 1348 :* RSLBUF STRING DESCRIPTOR LENGTH FIELD BEGINS IN
0554 1349 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
0554 1350 :*
0554 1351 :* EXPECTED RESULTS:
0554 1352 :* 1) SYSTEM STATUS CODE: ACCVIO
0554 1353 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0554 1354 :*
0554 1355 :*****
0554 1356 :--
0554 1357 :
0554 1358 :
0554 1359 : NEXT_TEST_CASE SFTLN32

```



```

0560 1360 :
0560 1361 :++
0560 1362 :*****
0560 1363 :*
0560 1364 :* TEST CASE NAME: SFTLN32
0560 1365 :*
0560 1366 :* SYSTEM SERVICE: TRNLOG
0560 1367 :*
0560 1368 :* ARGUMENT UNDER TEST: RSLBUF_TLN32
0560 1369 :*
0560 1370 :* INPUT CONDITIONS:
0560 1371 :* RSLBUF STRING DESCRIPTOR ADDRESS FIELD IN
0560 1372 :* NON-ACCESSIBLE PSECT.
0560 1373 :*
0560 1374 :* EXPECTED RESULTS:
0560 1375 :* 1) SYSTEM STATUS CODE: ACCVIO
0560 1376 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0560 1377 :*
0560 1378 :*****
0560 1379 :--
0560 1380 :
000001FC'EF 03 9A 0560 1381 : MOVZBL #3,RSLBUF_TLN32 ; ESTABLISH STRING LENGTH
0567 1382 :
0567 1383 : NEXT_TEST_CASE SFTLN33

```

```

0573 1384 :
0573 1385 :++
0573 1386 :*****
0573 1387 :*
0573 1388 :* TEST CASE NAME: SFTLN33
0573 1389 :*
0573 1390 :* SYSTEM SERVICE: TRNLOG
0573 1391 :*
0573 1392 :* ARGUMENT UNDER TEST: RSLBUF_TLN33
0573 1393 :*
0573 1394 :* INPUT CONDITIONS:
0573 1395 :* RSLBUF STRING DESCRIPTOR ADDRESS FIELD BEGINS IN
0573 1396 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
0573 1397 :*
0573 1398 :* EXPECTED RESULTS:
0573 1399 :* 1) SYSTEM STATUS CODE: ACCVIO
0573 1400 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0573 1401 :*
0573 1402 :*****
0573 1403 :--
0573 1404 :
000001FB'EF 03 9A 0573 1405 : MOVZBL #3,RSLBUF_TLN33 ; ESTABLISH STRING LENGTH
057A 1406 :
057A 1407 : NEXT_TEST_CASE SFTLN34

```



```

0586 1408 :
0586 1409 :++
0586 1410 :*****
0586 1411 :*
0586 1412 :* TEST CASE NAME: SFTLN34
0586 1413 :*
0586 1414 :* SYSTEM SERVICE: TRNLOG
0586 1415 :*
0586 1416 :* ARGUMENT UNDER TEST: RSLBUF_TLN34
0586 1417 :*
0586 1418 :* INPUT CONDITIONS:
0586 1419 :* RSLBUF STRING IN NON-ACCESSIBLE PSECT
0586 1420 :*
0586 1421 :* EXPECTED RESULTS:
0586 1422 :* 1) SYSTEM STATUS CODE: ACCVIO
0586 1423 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0586 1424 :*
0586 1425 :*****
0586 1426 :--
0586 1427 :
0586 1428 :
0586 1429 : NEXT_TEST_CASE SFTLN40

```

```

0592 1430 :
0592 1431 :++
0592 1432 :*****
0592 1433 :*
0592 1434 :* TEST CASE NAME:          SFTLN40
0592 1435 :*
0592 1436 :* SYSTEM SERVICE:          TRNLOG
0592 1437 :*
0592 1438 :* ARGUMENT UNDER TEST:     TABLE_TLN40
0592 1439 :*
0592 1440 :* INPUT CONDITIONS:
0592 1441 :*   TABLE OUTPUT FIELD AT LOCATION 1
0592 1442 :*
0592 1443 :* EXPECTED RESULTS:
0592 1444 :*   1) SYSTEM STATUS CODE:  ACCVIO
0592 1445 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
0592 1446 :*
0592 1447 :*****
0592 1448 :--
0592 1449 :
0592 1450 :
0592 1451 :      NEXT_TEST_CASE  SFTLN41

```



```

059E 1452 :
059E 1453 :++
059E 1454 :*****
059E 1455 :*
059E 1456 :* TEST CASE NAME: SFTLN41
059E 1457 :*
059E 1458 :* SYSTEM SERVICE: TRNLOG
059E 1459 :*
059E 1460 :* ARGUMENT UNDER TEST: TABLE_TLN41
059E 1461 :*
059E 1462 :* INPUT CONDITIONS:
059E 1463 :* TABLE OUTPUT FIELD IN READ/ONLY PSECT
059E 1464 :*
059E 1465 :* EXPECTED RESULTS:
059E 1466 :* 1) SYSTEM STATUS CODE: ACCVIO
059E 1467 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
059E 1468 :*
059E 1469 :*****
059E 1470 :--
059E 1471 :
059E 1472 :
059E 1473 : NEXT_TEST_CASE SFTLN50

```

```

05AA 1474 :
05AA 1475 :++
05AA 1476 :*****
05AA 1477 :*
05AA 1478 :* TEST CASE NAME: SFTLN50
05AA 1479 :*
05AA 1480 :* SYSTEM SERVICE: TRNLOG
05AA 1481 :*
05AA 1482 :* ARGUMENT UNDER TEST: ACMODE_TLN50
05AA 1483 :*
05AA 1484 :* INPUT CONDITIONS:
05AA 1485 :* ACMODE OUTPUT FIELD AT LOCATION 1
05AA 1486 :*
05AA 1487 :* EXPECTED RESULTS:
05AA 1488 :* 1) SYSTEM STATUS CODE: ACCVIO
05AA 1489 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
05AA 1490 :*
05AA 1491 :*****
05AA 1492 :--
05AA 1493 :
05AA 1494 :
05AA 1495 : NEXT_TEST_CASE SFTLN51

```



```

0586 1496 :
0586 1497 :++
0586 1498 :*****
0586 1499 :*
0586 1500 :* TEST CASE NAME: SFTLN51
0586 1501 :*
0586 1502 :* SYSTEM SERVICE: TRNLOG
0586 1503 :*
0586 1504 :* ARGUMENT UNDER TEST: ACMODE_TLN51
0586 1505 :*
0586 1506 :* INPUT CONDITIONS:
0586 1507 :* ACMODE OUTPUT FIELD IN READ/ONLY PSECT
0586 1508 :*
0586 1509 :* EXPECTED RESULTS:
0586 1510 :* 1) SYSTEM STATUS CODE: ACCVIO
0586 1511 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0586 1512 :*
0586 1513 :*****
0586 1514 :--
0586 1515 :
0586 1516 :
0586 1517 : TCEND

```

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V04-000

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:31:29 VAX/VMS Macro V04-00 Page 68
B 11 5-SEP-1984 04:27:31 [UETPSY.SRC]SATSSF03.MAR;1 (3)

05B7	1518	TC_GROUP	TLN,2,TS6
05DE	1519 ;		
05DE	1520	NEXT_TEST_CASE	SFTLN15


```

05DE 1521 :
05DE 1522 :++
05DE 1523 :*****
05DE 1524 :*
05DE 1525 :* TEST CASE NAME: SFTLN15
05DE 1526 :*
05DE 1527 :* SYSTEM SERVICE: TRNLOG
05DE 1528 :*
05DE 1529 :* ARGUMENT UNDER TEST: LOGNAM_TLN15
05DE 1530 :*
05DE 1531 :* INPUT CONDITIONS:
05DE 1532 :* LOGNAM STRING BEGINS IN ACCESSIBLE PSECT,
05DE 1533 :* ENDS IN NON-ACCESSIBLE PSECT.
05DE 1534 :*
05DE 1535 :* EXPECTED RESULTS:
05DE 1536 :* 1) SYSTEM STATUS CODE: ACCVIO
05DE 1537 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
05DE 1538 :*
05DE 1539 :*****
05DE 1540 :--
05DE 1541 :
05DE 1542 :
05DE 1543 : NEXT_TEST_CASE SFTLN16

```

```
05EA 1544 :  
05EA 1545 :++  
05EA 1546 :*****  
05EA 1547 :*  
05EA 1548 :* TEST CASE NAME: SFTLN16  
05EA 1549 :*  
05EA 1550 :* SYSTEM SERVICE: TRNLOG  
05EA 1551 :*  
05EA 1552 :* ARGUMENT UNDER TEST: LOGNAM_TLN16  
05EA 1553 :*  
05EA 1554 :* INPUT CONDITIONS:  
05EA 1555 :* LOGICAL NAME STRING TOO BIG TO  
05EA 1556 :* FIT INTO RSLBUF.  
05EA 1557 :*  
05EA 1558 :* EXPECTED RESULTS:  
05EA 1559 :* 1) SYSTEM STATUS CODE: RESULTOVF  
05EA 1560 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
05EA 1561 :*  
05EA 1562 :*****  
05EA 1563 :--  
05EA 1564 :  
05EA 1565 :  
05EA 1566 : NEXT_TEST_CASE SFTLN35
```



```
05F6 1567 :  
05F6 1568 :++  
05F6 1569 :*****  
05F6 1570 :*  
05F6 1571 :* TEST CASE NAME: SFTLN35  
05F6 1572 :*  
05F6 1573 :* SYSTEM SERVICE: TRNLOG  
05F6 1574 :*  
05F6 1575 :* ARGUMENT UNDER TEST: RSLBUF_TLN35  
05F6 1576 :*  
05F6 1577 :* INPUT CONDITIONS:  
05F6 1578 :* RSLBUF STRING BEGINS IN ACCESSIBLE PSECT,  
05F6 1579 :* ENDS IN NON-ACCESSIBLE PSECT.  
05F6 1580 :*  
05F6 1581 :* EXPECTED RESULTS:  
05F6 1582 :* 1) SYSTEM STATUS CODE: ACCVIO  
05F6 1583 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
05F6 1584 :*  
05F6 1585 :*****  
05F6 1586 :--  
05F6 1587 :  
05F6 1588 :  
05F6 1589 : NEXT_TEST_CASE SFTLN36
```

```

0602 1590 :
0602 1591 :++
0602 1592 :*****
0602 1593 :*
0602 1594 :* TEST CASE NAME: SFTLN36
0602 1595 :*
0602 1596 :* SYSTEM SERVICE: TRNLOG
0602 1597 :*
0602 1598 :* ARGUMENT UNDER TEST: RSLBUF_TLN36
0602 1599 :*
0602 1600 :* INPUT CONDITIONS:
0602 1601 :* OUTPUT STRING BUFFER OF LENGTH ZERO
0602 1602 :*
0602 1603 :* EXPECTED RESULTS:
0602 1604 :* 1) SYSTEM STATUS CODE: RESULTOVF
0602 1605 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0602 1606 :*
0602 1607 :*****
0602 1608 :--
0602 1609 :
0602 1610 :
0602 1611 : NEXT_TEST_CASE SFTLN37

```



```

060E 1612 :
060E 1613 :++
060E 1614 :*****
060E 1615 :*
060E 1616 :* TEST CASE NAME: SFTLN37
060E 1617 :*
060E 1618 :* SYSTEM SERVICE: TRNLOG
060E 1619 :*
060E 1620 :* ARGUMENT UNDER TEST: RSLBUF_TLN37
060E 1621 :*
060E 1622 :* INPUT CONDITIONS:
060E 1623 :* OUTPUT STRING BUFFER TOO SMALL TO
060E 1624 :* ACCOMMODATE LOGICAL NAME RETURNED.
060E 1625 :*
060E 1626 :* EXPECTED RESULTS:
060E 1627 :* 1) SYSTEM STATUS CODE: RESULTOVF
060E 1628 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
060E 1629 :*
060E 1630 :*****
060E 1631 :--
060E 1632 :
060E 1633 :
060E 1634 : TCEND

```

```
060F 1635 TS1:
060F 1636 TESTSERV      CRELOG,ERR,SATS,
060F 1637
060F 1638 <1,TBLFLG_CLN,
060F 1639 TBLFLG_CLN10,IVLOGTAB, - : SFCLN10
060F 1640 TBLFLG_CLN11,IVLOGTAB, - : SFCLN11
060F 1641 TBLFLG_CLN12,IVLOGTAB, - : SFCLN12
060F 1642 TBLFLG_CLN13,IVLOGTAB, - : SFCLN13
060F 1643 >,
060F 1644
060F 1645 <1,LOGNAM_CLN,
060F 1646 LOGNAM_CLN20,ACCVIO, - : SFCLN20
060F 1647 LOGNAM_CLN21,ACCVIO, - : SFCLN21
060F 1648 LOGNAM_CLN22,ACCVIO, - : SFCLN22
060F 1649 LOGNAM_CLN23,ACCVIO, - : SFCLN23
060F 1650 LOGNAM_CLN24,ACCVIO, - : SFCLN24
060F 1651 >,
060F 1652
060F 1653 <1,EQLNAM_CLN,
060F 1654 EQLNAM_CLN30,ACCVIO, - : SFCLN30
060F 1655 EQLNAM_CLN31,ACCVIO, - : SFCLN31
060F 1656 EQLNAM_CLN32,ACCVIO, - : SFCLN32
060F 1657 EQLNAM_CLN33,ACCVIO, - : SFCLN33
060F 1658 EQLNAM_CLN34,ACCVIO, - : SFCLN34
060F 1659 >,
060F 1660
060F 1661 <1,ACMODE_CLN,
060F 1662
060F 1663 >,
08E5 1664 TS_CLEANUP      : CLEAN UP & RETURN TO TEST_SERV_EXEC
```



```

0905 1665 TS2:
0905 1666 TESTSERV      CRELOG,ERR,SATS,
0905 1667
0905 1668 <1,TBLFLG_CLN,
0905 1669
0905 1670
0905 1671 <1,LOGNAM_CLN,
0905 1672 LOGNAM_CLN25,ACCVIO, - ; SFCLN25
0905 1673 LOGNAM_CLN26,IVLOGNAM, - ; SFCLN26
0905 1674 LOGNAM_CLN27,IVLOGNAM, - ; SFCLN27
0905 1675
0905 1676 >,
0905 1677
0905 1678 <1,EQLNAM_CLN,
0905 1679 EQLNAM_CLN35,ACCVIO, - ; SFCLN35
0905 1680 EQLNAM_CLN36,IVLOGNAM, - ; SFCLN36
0905 1681 EQLNAM_CLN37,IVLOGNAM, - ; SFCLN37
0905 1682
0905 1683 >,
0905 1684
0905 1685 <1,ACMODE_CLN,
0905 1686
089B 1686 TS_CLEANUP      ; CLEAN UP & RETURN TO TEST_SERV_EXEC

```

```

0888 1687 TS3:
0888 1688 TESTSERV      DELLOG,ERR,SATS,
0888 1689
0888 1690      <1,TBLFLG_DLN,
0888 1691          TBLFLG_DLN10,IVLOGTAB, - : SFDLN10
0888 1692          TBLFLG_DLN11,IVLOGTAB, - : SFDLN11
0888 1693          TBLFLG_DLN12,IVLOGTAB, - : SFDLN12
0888 1694          TBLFLG_DLN13,IVLOGTAB, - : SFDLN13
0888 1695          >,
0888 1696
0888 1697      <1,LOGNAM_DLN,
0888 1698          LOGNAM_DLN20,ACCVIO, - : SFDLN20
0888 1699          LOGNAM_DLN21,ACCVIO, - : SFDLN21
0888 1700          LOGNAM_DLN22,ACCVIO, - : SFDLN22
0888 1701          LOGNAM_DLN23,ACCVIO, - : SFDLN23
0888 1702          LOGNAM_DLN24,ACCVIO, - : SFDLN24
0888 1703          >,
0888 1704
0D4B 1705      TS_CLEANUP      : CLEAN UP & RETURN TO TEST_SERV_EXEC

```



```

OD6B 1706 TS4:
OD6B 1707 TESTSERV DELLOG,ERR,SATS,
OD6B 1708
OD6B 1709 <1,TBLFLG_DLN,
OD6B 1710
OD6B 1711 >,
OD6B 1712
OD6B 1713 <1,LOGNAM_DLN,
OD6B 1714 LOGNAM_DLN25,ACCVIO, - : SFDLN25
OD6B 1715 LOGNAM_DLN26,IVLOGNAM, - : SFDLN26
OD6B 1716 LOGNAM_DLN27,IVLOGNAM, - : SFDLN27
OD6B 1717 LOGNAM_DLN28,NOLOGNAM, - : SFDLN28
OD6B 1718 LOGNAM_DLN29,NOLOGNAM, - : SFDLN29
OD6B 1719
OD6B 1720
OEDA 1720 TS_CLEANUP ; CLEAN UP & RETURN TO TEST_SERV_EXEC

```

```
OEFA 1721 TS5:
OEFA 1722 TESTSERV TRNLOG,ERR,SATS,
OEFA 1723
OEFA 1724 <1,LOGNAM_TLN,
OEFA 1725 LOGNAM_TLN10,ACCVIO, - ; SFTLN10
OEFA 1726 LOGNAM_TLN11,ACCVIO, - ; SFTLN11
OEFA 1727 LOGNAM_TLN12,ACCVIO, - ; SFTLN12
OEFA 1728 LOGNAM_TLN13,ACCVIO, - ; SFTLN13
OEFA 1729 LOGNAM_TLN14,ACCVIO, - ; SFTLN14
OEFA 1730 >,
OEFA 1731
OEFA 1732 <1,RSLLN_TLN,
OEFA 1733 RSLLN_TLN20,ACCVIO, - ; SFTLN20
OEFA 1734 RSLLN_TLN21,ACCVIO, - ; SFTLN21
OEFA 1735 RSLLN_TLN22,ACCVIO, - ; SFTLN22
OEFA 1736 >,
OEFA 1737
OEFA 1738 <1,RSLBUF_TLN,
OEFA 1739 RSLBUF_TLN30,ACCVIO, - ; SFTLN30
OEFA 1740 RSLBUF_TLN31,ACCVIO, - ; SFTLN31
OEFA 1741 RSLBUF_TLN32,ACCVIO, - ; SFTLN32
OEFA 1742 RSLBUF_TLN33,ACCVIO, - ; SFTLN33
OEFA 1743 RSLBUF_TLN34,ACCVIO, - ; SFTLN34
OEFA 1744 >,
OEFA 1745
OEFA 1746 <1,TABLE_TLN,
OEFA 1747 TABLE_TLN40,ACCVIO, - ; SFTLN40
OEFA 1748 TABLE_TLN41,ACCVIO, - ; SFTLN41
OEFA 1749 >,
OEFA 1750
OEFA 1751 <1,ACMODE_TLN,
OEFA 1752 ACMODE_TLN50,ACCVIO, - ; SFTLN50
OEFA 1753 ACMODE_TLN51,ACCVIO, - ; SFTLN51
OEFA 1754 >,
OEFA 1755
128C 1756 TS_CLEANUP ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```



```
12AC 1757 TS6:
12AC 1758 TESTSERV TRNLOG,ERR,SATS,
12AC 1759
12AC 1760 <1,LOGNAM_TLN,
12AC 1761 LOGNAM_TLN15,ACCVIO, - ; SFTLN15
12AC 1762 LOGNAM_TLN16,RESULTOVF, - ; SFTLN16
12AC 1763 >,
12AC 1764
12AC 1765 <1,RSLLN_TLN,
12AC 1766 >,
12AC 1767
12AC 1768 <1,RSLBUF_TLN,
12AC 1769 RSLBUF_TLN35,ACCVIO, - ; SFTLN35
12AC 1770 RSLBUF_TLN36,RESULTOVF, - ; SFTLN36
12AC 1771 RSLBUF_TLN37,RESULTOVF, - ; SFTLN37
12AC 1772 >,
12AC 1773
12AC 1774 <1,TABLE_TLN,
12AC 1775 >,
12AC 1776
12AC 1777 <1,ACMODE_TLN,
12AC 1778 >,
12AC 1779
15DE 1780 TS_CLEANUP ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

SATSSF03
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:31:29 VAX/VMS Macro V04-00 Page 80
EXECUTE & CLEANUP 5-SEP-1984 04:27:31 [UETPSY.SRC]SATSSF03.MAR;1 (3)

00000044'EF	01	1C	0138	30	15FE	1781	.SBTTL	EXECUTE & CLEANUP	
					15FE	1782	EXECUTE:		
					15FE	1783	TEST_SERV_EXEC		; EXECUTE ALL T. CASES IN ALL GROUPS
					163A	1784	CLEANUP:		
					163A	1785	BSBW	MOD MSG PRINT	; PRINT TEST MODULE END MSG
					163D	1786	INSV	#1, #STS\$V_INHIB_MSG, #1, MOD MSG CODE	; INHIBIT PRINTING
					1646	1787			; INHIBIT PRINTING
					1646	1788	\$EXIT_S	MOD_MSG_CODE	; EXIT TO OP SYS WITH MSG CODE


```
1653 1790 .SBTTL TC_CONTROL
1653 1791 :++
1653 1792 : FUNCTIONAL DESCRIPTION:
1653 1793 :
1653 1794 : THE TC CONTROL SUBROUTINE IS CALLED BY THE TEST_SERV_EXEC
1653 1795 : MACRO TO EXECUTE A GROUP OF TEST CASES. A GROUP IS DEFINED BY A TC_GROUP
1653 1796 : MACRO. FOR EACH TC_GROUP MACRO, THERE IS A CORRESPONDING TESTSERV MACRO.
1653 1797 : TESTSERV CONTAINS CODE TO EXECUTE SYSTEM SERVICES AND CHECK THE RETURNED
1653 1798 : STATUS CODE VALUES. TESTSERV ARGUMENTS ARE CODED TO SPECIFY ALL THE SYSTEM
1653 1799 : SERVICE ARGUMENT VALUES AND THE EXPECTED STATUS CODE FOR EACH TEST CASE
1653 1800 : DEFINED BY A NEXT TEST CASE MACRO WITHIN THE GROUP. TC CONTROL USES A
1653 1801 : CO-ROUTINE INTERFACE TO ENTER THE CODE OF THE APPROPRIATE TESTSERV MACRO
1653 1802 : IN VARIOUS PLACES. THE FIRST ENTRY OCCURS ONCE PER GROUP TO ALLOW TESTSERV
1653 1803 : TO DO SOME INITIALIZATION. THEN TWO ENTRIES ARE MADE FOR EACH TEST CASE IN
1653 1804 : THE GROUP. THE FIRST ALLOWS TESTSERV TO ISSUE THE SUBJECT SYSTEM SERVICE.
1653 1805 : THE SECOND ENTRY FOR THE TEST CASE CAUSES TESTSERV TO CHECK THE RETURNED
1653 1806 : STATUS CODE, PRINTING A FAILURE MESSAGE IF IT IS NOT THE EXPECTED CODE.
1653 1807 : IF THERE ARE NO MORE TEST CASES IN THE CURRENT GROUP, TESTSERV (NOT TC CONTROL)
1653 1808 : RETURNS DIRECTLY TO TEST_SERV_EXEC (RSB ACTUALLY ISSUED IN TS_CLEANUP MACRO)
1653 1809 : FROM THIS SECOND ENTRY; OTHERWISE, CONTROL RETURNS TO TC_CONTROL WHICH
1653 1810 : IN TURN ENTERS TESTSERV AGAIN FOR THE NEXT TEST CASE. THE FAILURE OF A
1653 1811 : TEST CASE DOES NOT CAUSE TERMINATION OF THE TEST MODULE.
1653 1812 :
1653 1813 : CALLING SEQUENCE:
1653 1814 :
1653 1815 : BSBW TC_CONTROL (ISSUED WITHIN THE TEST_SERV_EXEC MACRO)
1653 1816 : (RSB IS ISSUED WITHIN THE TS_CLEANUP MACRO)
1653 1817 :
1653 1818 : INPUT PARAMETERS:
1653 1819 :
1653 1820 : NONE
1653 1821 :
1653 1822 : IMPLICIT INPUTS:
1653 1823 :
1653 1824 : ARGUMENTS SPECIFIED ON EACH TESTSERV MACRO MAY BE VIEWED AS
1653 1825 : INPUTS, SINCE TC_CONTROL AND TESTSERV ACT AS CO-ROUTINES.
1653 1826 :
1653 1827 : OUTPUT PARAMETERS:
1653 1828 :
1653 1829 : SEVERITY CODE FIELD OF MOD MSG CODE (BITS 0,1,2) IS SET TO ERROR
1653 1830 : IF ANY TEST CASE IN THE CURRENT GROUP FAILS; OTHERWISE IT REMAINS
1653 1831 : SET TO SUCCESSFUL.
1653 1832 :
1653 1833 : IMPLICIT OUTPUTS:
1653 1834 :
1653 1835 : XUETP-I-TEXT, ERROR MESSAGES ARE WRITTEN TO SYS$OUTPUT BY
1653 1836 : THE TESTSERV MACRO (CO-ROUTINE WITH TC_CONTROL)
1653 1837 :
1653 1838 : COMPLETION CODES:
1653 1839 :
1653 1840 : NONE
1653 1841 :
1653 1842 : SIDE EFFECTS:
1653 1843 :
1653 1844 : NONE
1653 1845 :
1653 1846 :--
```



```

                                1653 1847
                                1653 1848
                                1653 1849
                                1653 1850 TC_CONTROL:
00000064'EF DD 1653 1851 PUSHL TS_EP ; PUSH TESTSERV ENTRY POINT
          9E 16 1659 1852 JSB @ (SP)+ ; ENTER TESTSERV INITIALIZATION
                                1658 1853 10$: ; PROCESS NEXT TEST CASE
00000056'EF 20 90 1658 1854 MOVB #^A/ /,$$TSTN$$+2 ; MAKE SURE T.C. NAME HAS A BLANK
          002F 30 1662 1855 BSBW REG_SAVE ; SAVE REGISTERS
00000004'FF 16 1665 1856 JSB @CURRENT_TC ; JUMP TO CURRENT TEST CASE
          0037 30 1668 1857 BSBW REG_REST ; RESTORE REGS FOR TESTSERV
          9E 16 166E 1858 JSB @ (SP)+ ; LET TESTSERV ISSUE SYSTEM SERVICE
          0042 30 1670 1859 BSBW REG_COMP ; COMPARE REGS TO SEE IF ...
                                1673 1860 ; ... SYSTEM SERVICE CHANGED ANY
          9E 16 1673 1861 JSB @ (SP)+ ; LET TESTSERV CHEK S.S. STATUS CODE
00000056'EF 2A 91 1675 1862 CMPB #^A/* /,$$TSTN$$+2 ; HAS TESTSERV INDICATED FAILURE ?
          DD 12 167C 1863 BNEQU 10$ ; NO -- PROCESS NEXT TEST CASE
00000060'EF 00000088'EF DE 167E 1864 MOVAL TEST_MOD_FAIL,TMD_ADDR ; YES -- INDICATE FAILED IN END MSG
00000044'EF 03 00 02 1689 1865 INSV #ERROR,#0,#3,MOD_MSG_CODE ; ADJUST STATUS CODE FOR ERROR
          C7 11 1692 1866 BRB 10$ ; LOOP BAK TO PROCESS NEXT TEST CASE
                                1694 1867 ;
                                1694 1868 ;
                                1694 1869 ;
TC_CONTROL RETURNS TO TEST_SERV_EXEC VIA TESTSERV (IN TS_CLEANUP MACRO)
```



```

1694 1871 .SBTTL SUBROUTINES
1694 1872 REG_SAVE:
1694 1873 :
1694 1874 :*****
1694 1875 :
1694 1876 :* SAVES R0 THRU SP IN REG_SAVE_AREA
1694 1877 :*
1694 1878 :*****
1694 1879 :
00000008'EF 7FFF 8F BB 1694 1880 PUSHR #R0_THRU_SP ; SAVE ALL REGS ON STACK
6E 6E 3C 28 1698 1881 MOV C3 #60,(SP),REG_SAVE_AREA ; SAVE REGS (BEFORE S.S.)
7FFF 8F BA 16A0 1882 POPR #R0_THRU_SP ; CLEAN UP STACK
05 16A4 1883 RSB ; .... AND RETURN
16A5 1884 :
16A5 1885 :
16A5 1886 :
16A5 1887 :
16A5 1888 REG_REST:
16A5 1889 :
16A5 1890 :*****
16A5 1891 :
16A5 1892 :* RESTORES R0 THRU SP FROM REG_SAVE_AREA
16A5 1893 :*
16A5 1894 :*****
16A5 1895 :
6E 00000008'EF 5E 3C C2 16A5 1897 SUBL2 #60,SP ; MOVE SP TO MAKE ROOM FOR REGS
EF 3C 28 16A8 1898 MOV C3 #60,REG_SAVE_AREA,(SP) ; MOVE REGS ONTO STACK FOR POP
7FFF 8F BA 16B0 1899 POPR #R0_THRU_SP ; RESTORE ALL REGS FOR TESTSERV
05 16B4 1900 RSB ; ... AND RETURN
```

```
16B5 1902 REG_COMP:
16B5 1903 :
16B5 1904 : *****
16B5 1905 : *
16B5 1906 : * 1) PUSHES ALL REGS ONTO STACK *
16B5 1907 : * 2) COMPARES REGISTER IMAGES FROM STACK WITH CORRESPONDING *
16B5 1908 : * IMAGES FROM REG_SAVE_AREA FOR ALL REGISTERS SPECIFIED *
16B5 1909 : * IN REG_COMP_MASK. *
16B5 1910 : * 3) FOR EACH UNEQUAL COMPARE, AN ERROR MESSAGE IS PRINTED *
16B5 1911 : * (USING $FAO AND $OUTPUT SYSTEM SERVICES). *
16B5 1912 : * 4) POPS ALL REGS OFF OF STACK *
16B5 1913 : *****
16B5 1914 :
16B5 1915 :
36 7FFF 8F BB 16B5 1916 PUSHR #R0_THRU_SP ; SAVE ALL REGISTERS ON STACK
00000008'EF DE 16B9 1917 MOVAL REG_SAVE_AREA,R6 ; POINT R6 TO BEG OF
54 5E D0 16C0 1918 ; REGS (BEFORE S.S.)
16C0 1919 MOVL SP,R4 ; POINT R4 TO BEG OF
16C3 1920 ; REGS (AFTER S.S.)
53 FF 8F 98 16C3 1921 CVTBL #-1,R3 ; INITIALIZE REG_COMP_MASK INDEX
16C7 1922 REG_COMP_NEXT:
53 53 D6 16C7 1923 INCL R3 ; POINT TO NEXT BIT IN MASK
53 0F 91 16C9 1924 CMPB #15,R3 ; END OF THE MASK ?
03 1A 16CC 1925 BGTRU REG_COMP_CONT ; NO -- CONTINUE
009F 31 16CE 1926 BRW REG_COMP_RSB ; YES -- GO TO COMMON RETURN
16D1 1927 REG_COMP_CONT:
84 86 D1 16D1 1928 CMPL (R6)+,(R4)+ ; REG BEFORE = REG AFTER ?
F1 13 16D4 1929 BEQLU REG_COMP_NEXT ; YES -- LOOK FOR NEXT REG
E9 00000000'EF 53 E1 16D6 1930 BBC R3,REG_COMP_MASK,REG_COMP_NEXT ; NO -- GET NEXT IF BIT NOT SET
00000048'EF 53 D0 16DE 1931 ; NO -- GIVE REG NUMBER TO FAO
0000004C'EF FC A6 D0 16E5 1933 MOVL -4(R6),REG_BEFORE_SS ; GIVE 'BEFORE' CONTENTS TO FAO
00000050'EF FC A4 D0 16ED 1934 MOVL -4(R4),REG_AFTER_SS ; GIVE 'AFTER' CONTENTS TO FAO
00000056'EF 2A 90 16F5 1935 MOVB #^A/*/, $$TSTN$$+2 ; GIVE FAILURE INDIC'N IN ERROR MSG
16FC 1936 :
16FC 1937 : $FAO_S ERR MSG FAOCTL,OUTL,OUTD,$$SNAD$$, -
16FC 1938 : $$ASEQ$$,$$PSEQ$$,CLOB_REG_NO,REG_BEFORE_SS,REG_AFTER_SS
172F 1939 :
E9DE CF E9A8 CF B0 172F 1940 MOVW OUTL,OUTD ; ACTUAL OUTPUT LEN IN STRING DESC'R
1736 1941 PUTMSG <#UETPS TEXT,#1,#OUTD> ; PRINT THE MSG
E9C2 CF 0084 8F B0 174B 1942 MOVW #OUTE-OUTB,OUTD ; GET MAX LEN BACK INTO DESCRIPTOR
00000056'EF 20 90 1752 1943 MOVB #^A/ /,$$TSTN$$+2 ; REMOVE FAIL INDIC'N FOR NEXT MSG
00000060'EF 00000088'EF DE 1759 1944 MOVAL TEST_MOD_FAIL,TMD_ADDR ; INDICATE FAILED IN END MSG
00000044'EF 03 00 02 F0 1764 1945 INSV #ERROR,#0,#3,MOD_MSG_CODE ; ADJUST STATUS CODE FOR ERROR
FF57 31 176D 1946 BRW REG_COMP_NEXT ; GO LOOK FOR NEXT REG TO COMPARE
1770 1947 REG_COMP_RSB:
7FFF 8F BA 1770 1948 POPR #R0_THRU_SP ; CLEAN UP STACK
05 1774 1949 RSB ; RETURN TO CALLER
```



```

1775 1951 MOD_MSG_PRINT:
1775 1952 :
1775 1953 : *****
1775 1954 : *
1775 1955 : * PRINTS THE TEST MODULE BEGUN/SUCCESSFUL/FAILED MESSAGES *
1775 1956 : * (USING THE PUTMSG MACRO). *
1775 1957 : *
1775 1958 : *****
1775 1959 :
05 1775 1960 PUTMSG <MOD_MSG_CODE,#2,TMN_ADDR,TMD_ADDR> ; PRINT MSG
1790 1961 RSB ; ... AND RETURN TO CALLER
1791 1962 :
1791 1963 CHMRTN:
1791 1964 : *****

```

```
1791 1966 : *
1791 1967 : * CHANGE MODE ROUTINE. THIS ROUTINE GETS CONTROL WHENEVER
1791 1968 : * A CMKRNL, CMEXEC, OR CMSUP SYSTEM SERVICE IS ISSUED
1791 1969 : * BY THE MODE MACRO ('TO' OPTION). IT MERELY DOES
1791 1970 : * A JUMP INDIRECT ON A FIELD SET UP BY MODE. IT HAS
1791 1971 : * THE EFFECT OF RETURNING TO THE END OF THE MODE
1791 1972 : * MACRO EXPANSION.
1791 1973 : *
1791 1974 : *****
1791 1975 :
00000079'FF 0000 1791 1976 .WORD 0 ; ENTRY MASK
1793 1977 JMP @CHM_CONT ; RETURN TO MODE MACRO IN NEW MODE
1799 1978 :
1799 1979 : * RET INSTR WILL BE ISSUED IN EXPANSION OF 'MODE FROM, ....' MACRO
1799 1980 :
1799 1981 .END SATSSF03
```


SATSSF03
Symbol table

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:31:29 VAX/VMS Macro V04-00
5-SEP-1984 04:27:31 [UETPSY.SRC]SATSSF03.MAR;1

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```

$$$CHARS      = 00000048
$$$FIRSTTC$$$ = 00000000
$$$STRINGS    = 00000000
$$ACT$$       000000F3 R 06
$$ARG$$       000000FB R 06
$$ASEQ$$      000000EB R 06
$$CALL$$      000000DF R 06
$$DISP$$      000001E6 R 06
$$ERR$$       000001A0 R 06
$$EXP$$       000000F7 R 06
$$INIT$$      000000E3 R 06
$$MAXP$$      = 00000005
$$PSEQ$$      000000EF R 06
$$SNAD$$      000000E7 R 06
$$T1          = 00000004
$$T2          = 00000009
$$TSTN$$      00000054 R 03
ACMODE-CLN    00000315 R 02
ACMODE-TLN    000000DC R 03
ACMODE-TLN50  = 00000001
ACMODE-TLN51  0000049F R 02
CHMRTN        00001791 R 06
CHM CONT      00000079 R 03
CLEANUP       0000163A R 06
CLOB REG NO   00000048 R 03
CTL$GL PRD    ***** X 06
CURRENT_TC    00000004 R 03
EMPTY         00000000 R 04
EQLNAM-CLN    000001EB R 02
EQLNAM-CLN30  00000017 R 05
EQLNAM-CLN31  = 000001FF R 04
EQLNAM-CLN32  000001FC R 04
EQLNAM-CLN33  000001FB R 04
EQLNAM-CLN34  000001FD R 02
EQLNAM-CLN35  000001F3 R 04
EQLNAM-CLN36  00000205 R 02
EQLNAM-CLN37  0000030D R 02
ERROR         = 00000002
ERR MSG FAOCTL 00000002 R 02
EXECUTE       000015FE R 06
GRP TOTAL     = 00000006
INADR         000000A9 R 02
INFO          = 00000003
LIB$SIGNAL    ***** X 06
LOGNAM-CLN    000000C1 R 02
LOGNAM-CLN20  00000008 R 05
LOGNAM-CLN21  = 000001FF R 04
LOGNAM-CLN22  000001FC R 04
LOGNAM-CLN23  000001FB R 04
LOGNAM-CLN24  000000D3 R 02
LOGNAM-CLN25  000001F3 R 04
LOGNAM-CLN26  000000DB R 02
LOGNAM-CLN27  000001E3 R 02
LOGNAM-DLN    0000031D R 02
LOGNAM-DLN20  00000026 R 05
LOGNAM-DLN21  = 000001FF R 04
LOGNAM-DLN22  000001FC R 04

```

```

LOGNAM-DLN23  000001FB R 04
LOGNAM-DLN24  0000032F R 02
LOGNAM-DLN25  000001F3 R 04
LOGNAM-DLN26  00000337 R 02
LOGNAM-DLN27  0000043F R 02
LOGNAM-DLN28  00000447 R 02
LOGNAM-DLN29  00000456 R 02
LOGNAM-TLN    00000465 R 02
LOGNAM-TLN10  = 00000035 R 05
LOGNAM-TLN11  000001FF R 04
LOGNAM-TLN12  000001FC R 04
LOGNAM-TLN13  000001FB R 04
LOGNAM-TLN14  00000477 R 02
LOGNAM-TLN15  000001F3 R 04
LOGNAM-TLN16  0000047F R 02
MEXIT         = 00000000
MOD MSG CODE  00000044 R 03
MOD MSG PRINT 00001775 R 06
NARGS         = 0000000E
NOACCESS      = 00000000 R 05
NSSARGS       = 00000005
ONES          000000B5 R 02
OUTB          0000011C R 06
OUTD          00000114 R 06
OUTE          000001A0 R 06
OUTL          000000DB R 06
PCBSL-UIC     = 00000020
PHDSQ-PRIVMSK = 00000000
PRIVMSK       00000071 R 03
PRIV_ARGS     = 00000002
PROT          000000B1 R 02
PRT$C NA      ***** X 02
PRVPRT        00000070 R 03
RO THRU_SP    = 00007FFF
REGS          0000007D R 03
REG_AFTER_SS  00000050 R 03
REG_BEFORE_SS 0000004C R 03
REG_COMP      000016B5 R 06
REG_COMP_CONT 000016D1 R 06
REG_COMP_MASK 00000000 R 02
REG_COMP_NEXT 000016C7 R 06
REG_COMP_RSB  00001770 R 06
REG_REST      000016A5 R 06
REG_SAVE      00001694 R 06
REG_SAVE_AREA 00000008 R 03
RETADR        00000068 R 03
RSLBUF-TLN    000000B3 R 03
RSLBUF-TLN30  00000044 R 05
RSLBUF-TLN31  = 000001FF R 04
RSLBUF-TLN32  000001FC R 04
RSLBUF-TLN33  000001FB R 04
RSLBUF-TLN34  00000496 R 02
RSLBUF-TLN35  000001F3 R 04
RSLBUF-TLN36  000000C6 R 03
RSLBUF-TLN37  000000CA R 03
RSLLEN-TLN    = 000000B1 R 03
RSLLEN-TLN20  = 00000001

```

SAT
V04

SATSSF03
Symbol table

I 12
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:31:29 VAX/VMS Macro V04-00
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RSLEN_TLN21	00000494	R	02
RSLEN_TLN22	= 000001FF	R	04
SATSSF03	00000000	R	06
SEVERE	= 00000004		
SHR\$K_SHRDEF	= 00000001		
SHR\$ TEXT	= 00001130		
SS\$ ACCVIO	*****	X	06
SS\$ IVLOGNAM	*****	X	06
SS\$ IVLOGTAB	*****	X	06
SS\$ NOLOGNAM	*****	X	06
SS\$ RESULTOVF	*****	X	06
ST\$V INHIB_MSG	= 0000001C		
SUCCESS	= 00000001		
SY\$CMKRNL	*****	GX	06
SY\$CRELOG	*****	GX	06
SY\$DELLOG	*****	GX	06
SY\$EXIT	*****	GX	06
SY\$FAO	*****	X	06
SY\$FAOL	*****	GX	06
SY\$HIBER	*****	GX	06
SY\$SETPRN	*****	GX	06
SY\$SETPRT	*****	GX	06
SY\$SETPRV	*****	GX	06
SY\$STRNLOG	*****	GX	06
SY\$WAKE	*****	GX	06
TABLE_TLN	000000DB	R	03
TABLE_TLN40	= 00000001		
TABLE_TLN41	0000049E	R	02
TBLFLG_CLN	000000BD	R	02
TBLFLG_CLN10	00000091	R	03
TBLFLG_CLN11	00000095	R	03
TBLFLG_CLN12	00000099	R	03
TBLFLG_CLN13	0000009D	R	03
TBLFLG_DLN	00000319	R	02
TBLFLG_DLN10	000000A1	R	03
TBLFLG_DLN11	000000A5	R	03
TBLFLG_DLN12	000000A9	R	03
TBLFLG_DLN13	000000AD	R	03
TC1	00000241	R	06
TC2	00000341	R	06
TC3	000003A5	R	06
TC4	0000045B	R	06
TC5	000004B3	R	06
TC6	000005B7	R	06
TCG_NO	= 00000006		
TC CONTROL	00001653	R	06
TEST_MOD_BEG	00000077	R	02
TEST_MOD_FAIL	00000088	R	02
TEST_MOD_NAME	0000006E	R	02
TEST_MOD_NAME_D	0000008F	R	02
TEST_MOD_SUCC	0000007D	R	02
TMD_ADDR	00000060	R	03
TMN_ADDR	0000005C	R	03
TPID	00000000	R	03
TS1	0000060F	R	06
TS2	00000905	R	06
TS3	000008BB	R	06

TS4
TS5
TS6
TS EP
TTNAME
UETPS SATSMS
UETPS TEXT
WARNING

00000D6B	R	06
00000EFA	R	06
000012AC	R	06
00000064	R	03
0000009F	R	02
= 007480D9		
= 00741133		
= 00000000		

+-----+
! Psect synopsis !
+-----+

PSECT name	Allocation	PSECT No.	Attributes
ABS	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
\$ABSS	00000000 (0.)	01 (1.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
RODATA	000004A0 (1184.)	02 (2.)	NOPIC USR CON REL LCL NOSHR NOEXE RD NOWRT NOVEC LONG
RWDATA	000000D3 (221.)	03 (3.)	NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC BYTE
SATS_ACCVIO_1	00000200 (512.)	04 (4.)	NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC PAGE
SATS_ACCVIO_2	00000200 (512.)	05 (5.)	NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC PAGE
SATSSF03	00001799 (6041.)	06 (6.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC LONG

+-----+
! Performance indicators !
+-----+

Phase	Page faults	CPU Time	Elapsed Time
Initialization	33	00:00:00.11	00:00:00.73
Command processing	138	00:00:00.72	00:00:03.24
Pass 1	518	00:00:22.37	00:00:44.42
Symbol table sort	0	00:00:01.01	00:00:02.64
Pass 2	521	00:00:06.93	00:00:20.76
Symbol table output	24	00:00:00.18	00:00:00.38
Psect synopsis output	6	00:00:00.04	00:00:00.15
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	1243	00:00:31.36	00:01:12.32

The working set limit was 1350 pages.
121332 bytes (237 pages) of virtual memory were used to buffer the intermediate code.
There were 30 pages of symbol table space allocated to hold 379 non-local and 270 local symbols.
1981 source lines were read in Pass 1, producing 38 object records in Pass 2.
62 pages of virtual memory were used to define 46 macros.

+-----+
! Macro library statistics !
+-----+

Macro library name	Macros defined
-\$255\$DUA28:[SHRLIB]UETP.MLB;1	20
-\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	0
-\$255\$DUA28:[SYSLIB]STARLET.MLB;2	20
TOTALS (all libraries)	40

959 GETS were required to define 40 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:SATSSF03/OBJ=OBJ\$:SATSSF03 MSRC\$:SATSSF03/UPDATE=(ENH\$:SATSSF03)+EXECML\$/LIB+SHRLIB\$:UETP/LIB

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